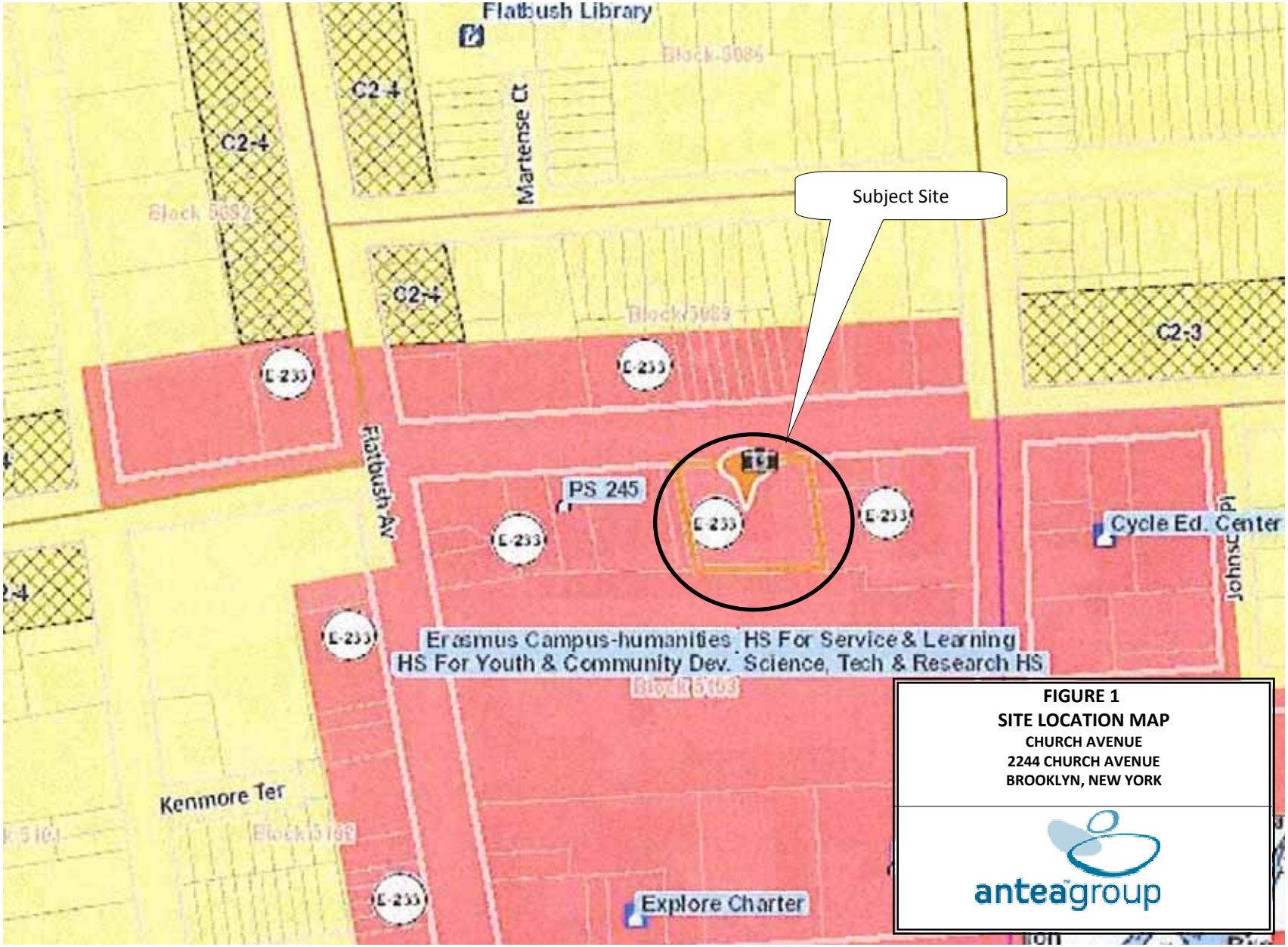

FIGURE 1
SITE LOCATION MAP
CHURCH AVENUE
2244 CHURCH AVENUE
BROOKLYN, NEW YORK

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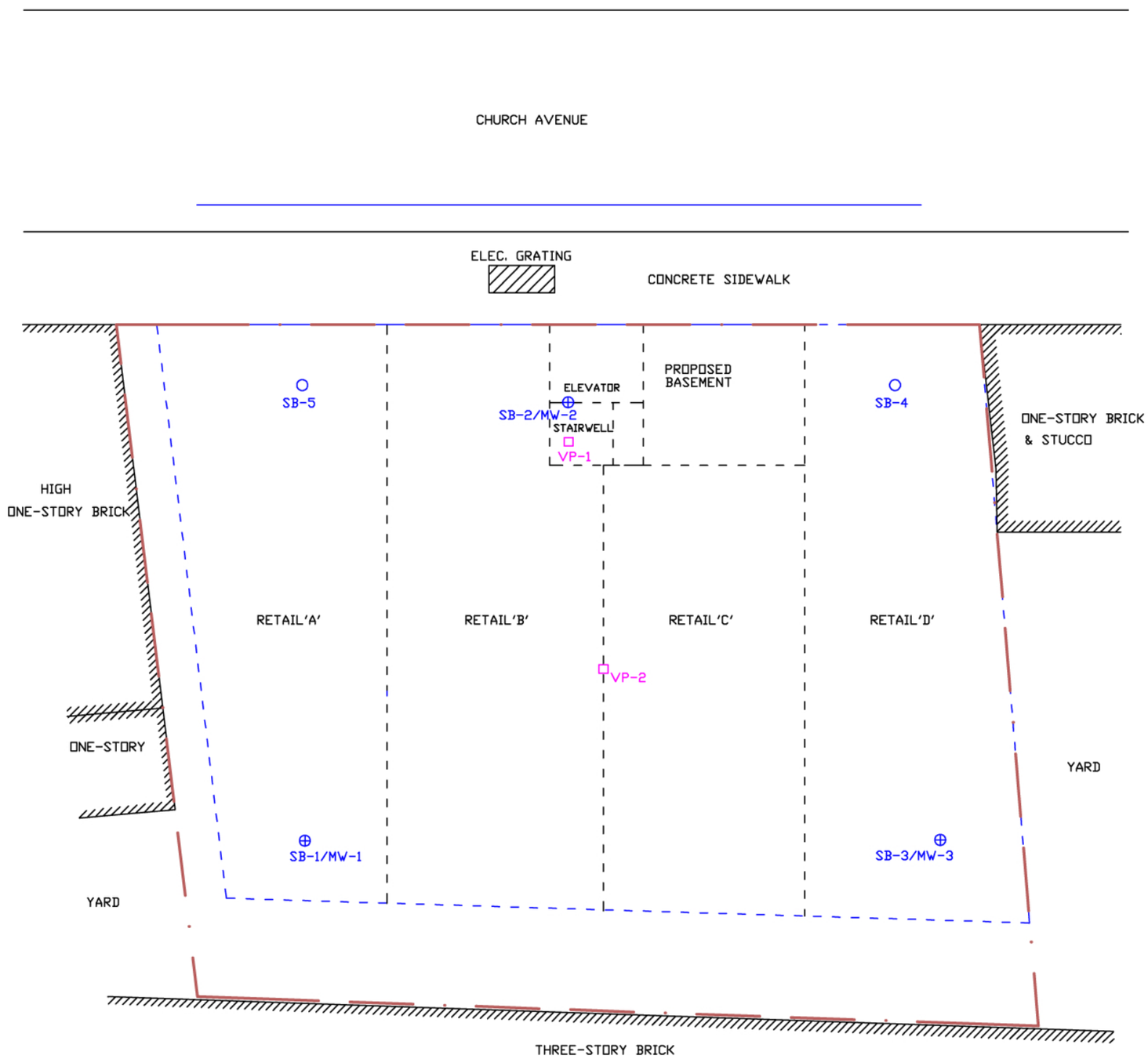

LEGEND

- PROPERTY BOUNDARY
- PROPOSED BUILDING
- WATER MAIN
- SOIL BORING LOCATION
- SOIL BORING/ MONITORING WELL LOCATION
- SOIL VAPOR POINT LOCATION

GRAPHIC SCALE

0 12.5 25

(IN FEET)
1 inch = 25 ft.

FIGURE 2
SITE PLAN

2244 CHURCH AVENUE
BROOKLYN, NEW YORK

PROJECT NO.: BG2244CHUR	DRAWN BY: LKO
PREPARED BY: TF	DATE: 4/14/2011
FILE NAME: BG2244CHUR	

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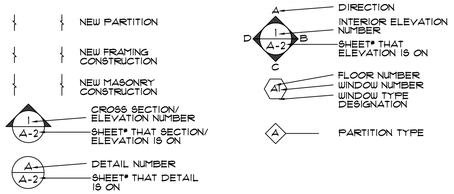
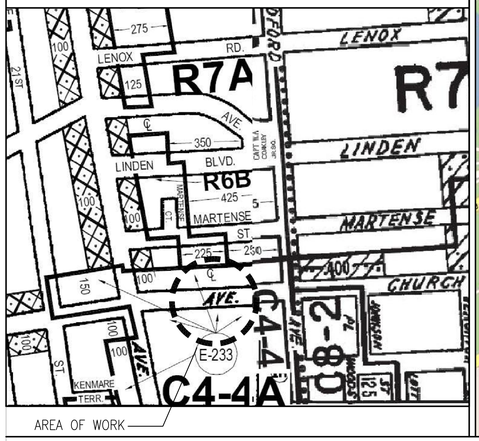
ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
AC.T	ACOUSTIC TILE
ADD.	ADDITIONAL
ADJ.	ADJUSTABLE/ADJACENT
ALT.	ALTERNATE
ALUM.	ALUMINUM
APPR'D	APPROVED
ARCH.	ARCHITECTURAL
B.O.	BOTTOM OF/BY OTHERS
B.R.	BEDROOM
BET.	BETWEEN
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BRG.	BEARING
BS&A.	N.Y.C.BOARD OF STANDARDS & APPEALS
℄	CENTER LINE
C.J.	CONTROL JOINT
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEAR OPENING
C.T.	CERAMIC TILE
CER.	CERAMIC
CL./CLOS.	CLOSET
CLG.	CEILING
CLR.	CLEAR
COL.	COLUMN
CONC.	CONCRETE
CONST'N	CONSTRUCTION
CONT.	CONTINUOUS
CONT'R	CONTRACTOR
COORD.	COORDINATE
CORP.	CORPORATE
COV'D	COVERED
D.O.	DOOR OPENING
DBL.	DOUBLE
DET./DTL.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DISP'L.	DISPOSAL
DISP'R.	DISPENSER
DN.	DOWN
DR.	DOOR
DWG.	DRAWING
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM
E.J.	EXPANSION JOINT
E.P.	ELECTRIC PANEL
EL./ELEV.	ELEVATION
ELEC.	ELECTRIC
ELEV.	ELEVATOR
EQ.	EQUAL
EQUIP'T.	EQUIPMENT
EX.	EXISTING
EXP.	EXPANSION
EXP.	EXPOSED
EXT.	EXTERIOR
EXL	N.Y.C. APPROVED ILLUMTD EXIT SIGN
F.D.	FLOOR DRAIN
F.E.	FIRE ESCAPE
F.H.C.	FIRE HOSE CABINET
F.P.	FIRE PROOFING
F.R.	FIRE RATING
FIN.	FINISHED
FIXT.	FIXTURE
FL./FLR.	FLOOR
FOUND.	FOUNDATION
FT.	FOOT. FEET
FTG.	FOOTING
G.C.	GENERAL CONTRACTOR
G.I.	GALVANIZED IRON
GA.	GAUGE
GALV.	GALVANIZED
GL.	GLASS
GYP.	GYPSUM
GYP.BD.	GYPSUM WALL BOARD
H.C.	HANDICAPPED
H.V.A.C.	HEATING, VENTILATING, AIR CONDITIONING
HORIZ.	HORIZONTAL
HR.	HOUR
I.D.	NSIDE DIAMETER
INSUL.	INSULATION
INT.	INTERIOR
J.C.	JANITOR CLOSET
JT.	JOINT
L.P.	LOW POINT
LAV.	LAVATORY
LIN. FT.	LINEAR FEET
M.O.	MASONRY OPENING
MACH.	MACHINE
MAS.	MASONRY
MAX.	MAXIMUM
MECH.	MECHANICAL
MTL.	METAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MIRR.	MIRROR
MISC.	MISCELLANEOUS
N.T.S.	NOT TO SCALE
NO. (#)	NUMBER
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.H.	OPPOSITE HAND
OPNG.	OPENING
P.L.	PROPERTY LINE
PARTN.	PARTITION
PNL.	PANEL
PT./PTS.	POINT(S)
PTD.	PAINTED
R.	RADIUS/RISER
R.D.	ROOF DRAIN
REC'D	RECESSED
REF.	REFRIGERATOR
REINF.	REINFORCE
REQ'D.	REQUIRED
RET'G.	RETAINING
RM.	ROOM
S.	SINK
SEC'T.	SECTION
SHT.	SHEET
SPECS.	SPECIFICATIONS
SQ. FT.	SQUARE FEET
SQ. IN.	SQUARE INCH
ST.STL.	STAINLESS STEEL
STD.	STANDARD
STO.	STORAGE
STL.	STEEL
STR'L	STRUCTURAL
SUPP.	SUPPORT
SUSP.	SUSPENDED
T.	TREAD/TILE
T.C./T.O.C.	TOP OF CURB
T.O.S.	TOP OF SLAB
T.O.W.	TOP OF WALL
T.T.	TOILET TISSUE
TEL.	TELEPHONE
TEMP.	TEMPERED
THK.	THICK
THKNS.	THICKNESS
TRANSP.	TRANSPARENT
TYP.	TYPICAL
V.C.T.	VINYL COMPOSITION TILE
V.I.F.	VERIFY IN FIELD
VENT.	VENTILATION
VERT.	VERTICAL
VEST.	VESTIBULE
W/	WITH
W.C.	WATER CLOSET
W.P.	WATERPROOF
W.R.	WATER RESISTANT
WD.	WOOD
WT.	WEIGHT

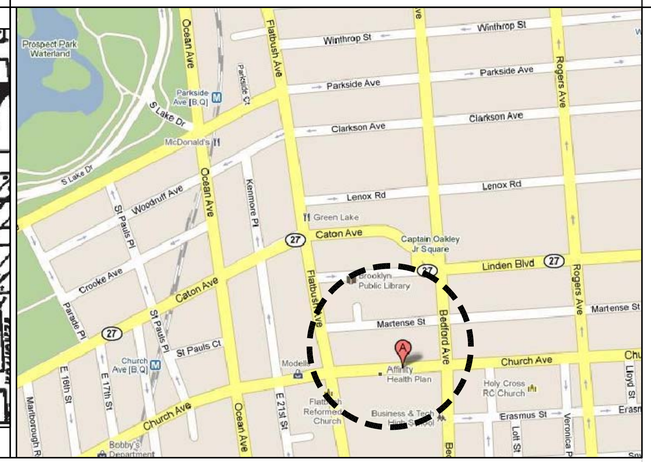
SYMBOLS LEGEND



ZONING MAP 16d



LOCATION PLAN



INDEX OF DRAWINGS IN PROGRESS

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T-003.00	ACCESSIBILITY & ADAPTABILITY PLANS & NOTES
EN-001.00	ENERGY CODE CALCULATIONS
Z-001.00	BUILDING CODE NOTES
Z-002.00	ZONING ANALYSIS
A-001.00	GROUND FLOOR LIFE SAFETY PLAN
A-002.00	SECOND FLOOR LIFE SAFETY PLAN
A-100.00	CELLAR FLOOR PLAN
A-101.00	GROUND FLOOR PLAN
A-102.00	SECOND FLOOR PLAN
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A-222.00	ELEVATOR PLANS, SECTIONS, & DETAILS
A-240.00	PARTITION TYPES
A-301.00	WINDOW AND DOOR SCHEDULES

PROPERTY INFORMATION

SITE ADDRESS: 2244 CHURCH AVENUE, BROOKLYN, NY 11226
BLOCK: 5103
LOT: 42
ZONING DISTRICT: C4-4A W/LITTLE "E" RESTRICTION
MAP NUMBER: 16D

PERMITTED USE GROUPS:
PROPOSED USE GROUPS: 4A Community Facility,
6A Food Store or Eating and Drinking Establishment

EXISTING LOT AREA: 22,995 SQ. FT.
PROPOSED FLOOR AREA: 37,453.08 SQ. FT.

PROPOSED F.A.R.: 37,453.08 / 22,995 = 1.63
MAX. PERMITTED F.A.R. (33-122): 4.00 (1.63 < 4.00 THEREFORE COMPLIES)

MIN. REQUIRED SIDE YARDS (33-25): 8'-0"
PROPOSED SIDE YARD: 8'-0" (8'-0" = 8'-0" THEREFORE COMPLIES)

MIN. REQUIRED REAR YARD (33-26): 20'-0"
PROPOSED REAR YARD: 20'-0" (20'-0" = 20'-0" THEREFORE COMPLIES)

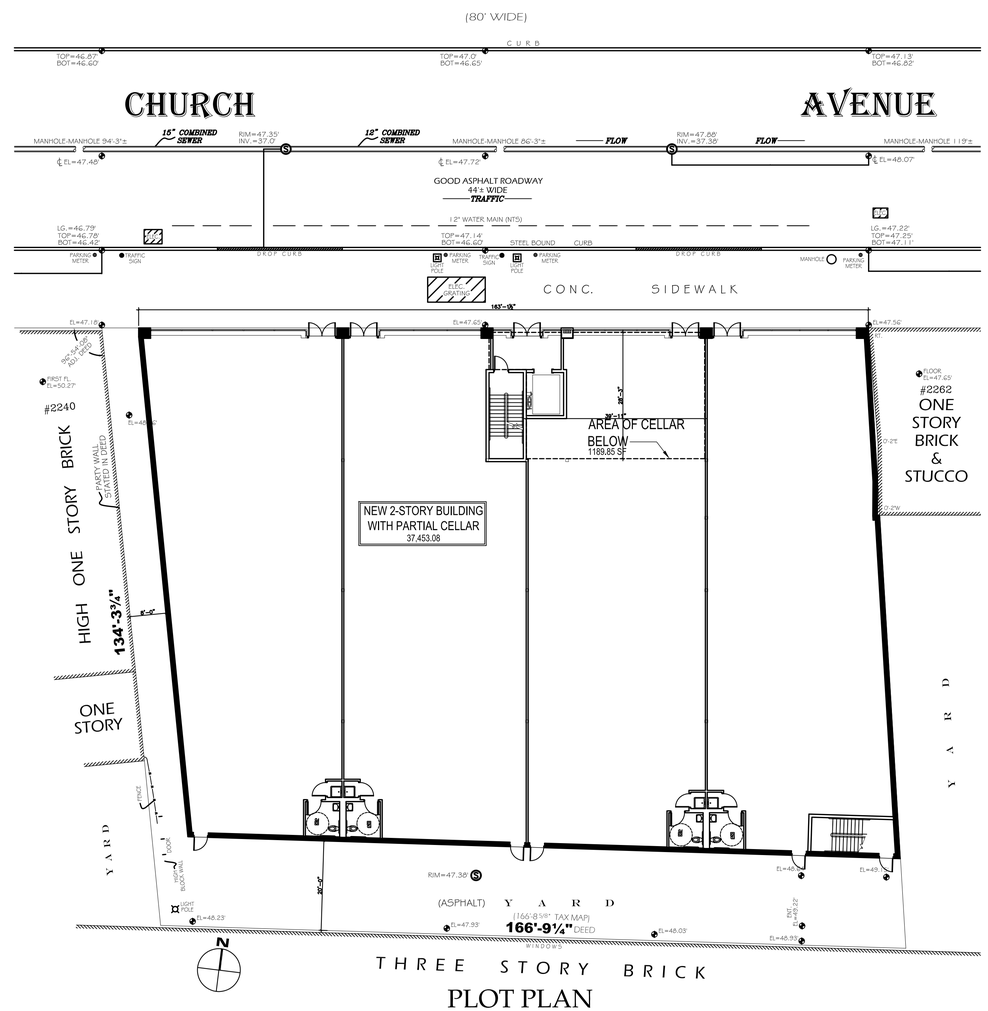
MAXIMUM HEIGHT OF FRONT WALL (33-432): 60' OR 6 STORIES, WHICHEVER IS LESS
PROPOSED HEIGHT OF FRONT WALL: 32'-0", 2 STORY
HEIGHT OF FRONT WALL COMPLIES

SPECIAL INSPECTIONS

ITEM	CODE SECTION
1. STRUCTURAL STEEEL -WELDING	PER BC 1704.3.1
2. STRUCTURAL STEEL HIGH STRENGTH BOLTS	PER BC 1704.3.3
3. STRUCTURAL STEEL - ERECTION& BOLTING	PER BC 1704
4. CONCRETE - CAST IN PLACE	PER BC 1704.4
5. MASONRY	PER BC 1704.5
6. SOILS SITE PREPARATION	PER BC 1704.7.1
7. SOILS - INVESTIGATIONS (BORINGS/TEST PITS)	PER BC 1704.7.4
8. SPRAYED FIRE RESISTANT MATERIAL	PER BC 1704.11
9. MECHANICAL SYSTEMS	PER BC 1704.13
10. STRUCTURAL SAFETY / STABILITY	PER BC 1704.19
11. SOIL PERCOLATION TEST - DRYWELL	PER BC 1704.20.1
12. SITE STORM DRAINAGE DISPOSAL AND DETENTION SYSTEM INSTALLTION	PER BC 1704.20
13. FIRESTOP, DRAFT STOP , FIRE BLOCK SYSTEMS	PER BC 1704.25
14. CONCRETE TEST CYLINDERS (TR2)	PER BC 1905.6
15. CONCRETE DESIGN MIX (TR3)	PER BC 1905.3
16. FOOTINGS AND FOUNDATION	PER BC 109.3.1
17. ENERGY CODE COMPLIANCE INSPECTIONS	PER BC 109.3.5
18. FIRE REISTANCE RATED CONSTRUCTION	PER BC 109.3.4

ITEMS TO BE FILED UNDER SEPARATE APPLICATION

1. SPRINKLERS
2. EXTERIOR SIGNS



PLOT PLAN

SCALE: 1/16" - 1'-0"

KOH ARCHITECTURE PLLC
45-14 251st STREET, SUITE 101
LITTLE NECK, NY 11362
(718) 225-6400 phone
(718) 225-6404 fax

DRAWINGS/SPECIFICATIONS BY:
■ LANDLORD'S CONSULTANT

ALL CONSTRUCTION WORK, UNLESS NOTED OTHERWISE, BY:
■ LANDLORD'S CONTRACTOR

BUILDING

NEW . . . . . ■
EXISTING . . . . . □
NEW SHELL ONLY . . □

NOTE: ALL WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE CODES, ORDINANCES, ETC.

CONTACT INFORMATION

OWNER:
ATTN: MEIR BABAEV
83-32 PARSONS BLVD
SECOND FLOOR
JAMAICA, NY 11434
TELE: 718-480-4444
E-MAIL: MAYERB3@AOL.COM

ARCHITECT :
KOH ARCHITECTURE, PLLC
ATTN: DINAH KLAMERT, R.A.
45-14 251ST STREET, SUITE 101
LITTLE NECK, NY 11362
TELE: 718-225-6400
FAX: 718-225-6404
E-MAIL: DINAHK@KOHARCH.COM

STRUCTURAL ENGINEER:
LMW ENGINEERING GROUP, LLC
ATTN: KIEMING WANG
2539 BRUNSWICK AVENUE
LINDEN, NJ 07036
TELE: 908-862-7600
E-MAIL: JIEMING@LMW-ENG.COM

M.E.P. ENGINEER:
TSF ENGINEERING, P.C.
ATTN: NICHOLAS TUCCI
200 PARK AVENUE SOUTH
NEW YORK, NY 10003
TELE: 212-253-7303
FAX: 212-253-6512
E-MAIL: NTUCCI@TSFENGINEERS.COM

PRELIMINARY - NOT FOR CONSTRUCTION

\pt0.423732:NOTE:
ALL WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE CODES, ORDINANCES, ETC.

NO.	DATE	BY	DESCRIPTION	CONST

REVISIONS

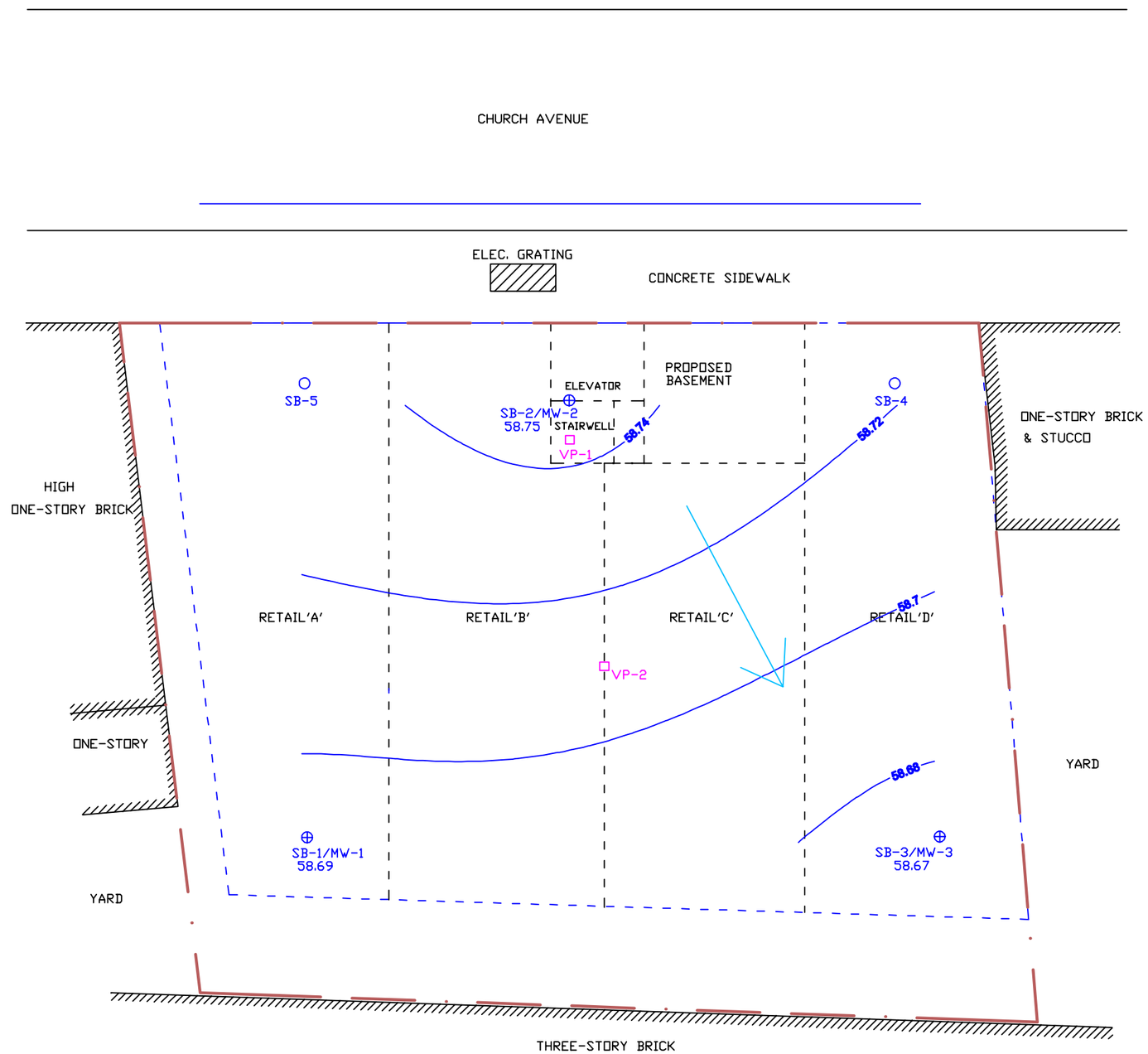
PROJECT NAME
2244 CHURCH AVENUE, BROOKLYN, NY

BLOCK: 5103, LOT: 42

DRAWING TITLE
COVER SHEET
PROPERTY PROFILE

SEAL & SIGNATURE

DATE:	03/01/11
PROJECT No:	2008-99
DRAWING BY:	AR
CHK BY:	DK
DWG No:	T-001.00
SHEET:	OF



LEGEND

- PROPERTY BOUNDARY
- PROPOSED BUILDING
- WATER MAIN
- SOIL BORING LOCATION
- SOIL BORING/ MONITORING WELL LOCATION
- SOIL VAPOR POINT LOCATION
- 58.69 GROUND WATER ELEVATION (IN FEET)
- GROUND WATER CONTOUR (IN FEET)
- INFERRED DIRECTION OF GROUND WATER FLOW

GRAPHIC SCALE

0 12.5 25

(IN FEET)
1 inch = 25 ft.

FIGURE 4

GROUND WATER CONTOUR MAP

2244 CHURCH AVENUE
BROOKLYN, NEW YORK

PROJECT NO.: BG2244CHUR	DRAWN BY: LKO
PREPARED BY: TF	DATE: 5/11/2011
FILE NAME: BG2244CHUR	

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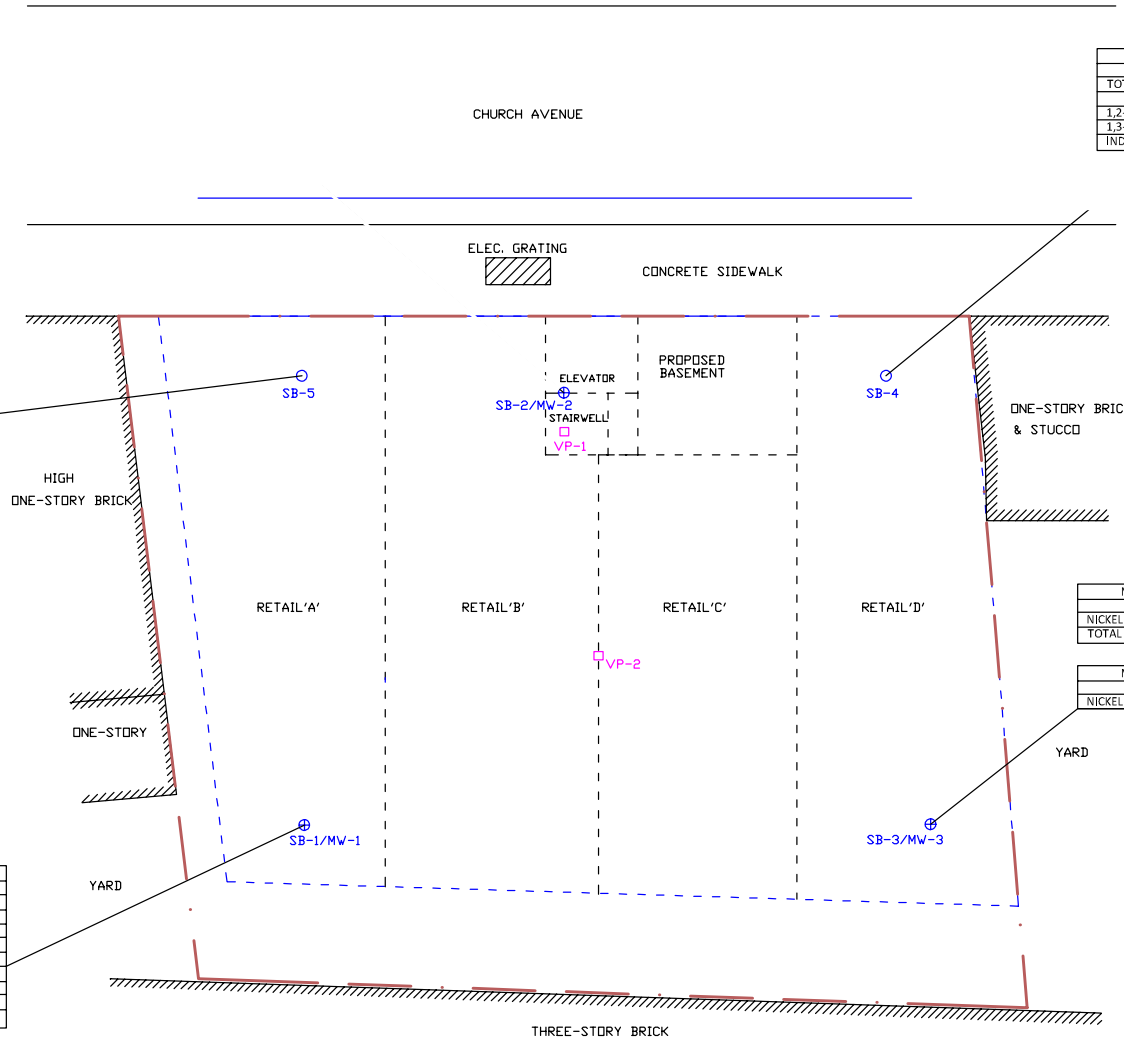

SB-4 (0-2')

METALS (mg/kg)	
TOTAL MERCURY	0.28
SVOCS (ug/kg)	
1,2-DICHLOROBENZENE	280
1,3-DICHLOROBENZENE	300
INDENO(1,2,3-CD)PYRENE	542

SB-5 (0-2')

METALS (mg/kg)	
NICKEL	32.5
SVOCS (ug/kg)	
BENZ(A)ANTHRACENE	2,060
BENZO(A)PYRENE	1,890
BENZO(B)FLUORANTHENE	1,740
BENZO(K)FLUORANTHENE	1,470
CHRYSENE	2,020
DIBENZ(A,H)ANTHRACENE	656
INDENO(1,2,3-CD)PYRENE	1,380

SB-3 (0-2')

METALS (mg/kg)	
NICKEL	32.9
TOTAL MERCURY	0.45

SB-3 (10-12')

METALS (mg/kg)	
NICKEL	31.1

SB-1 (0-2')

METALS (mg/kg)	
NICKEL	32.7
SVOCS (ug/kg)	
BENZ(A)ANTHRACENE	2,000
BENZO(A)PYRENE	1,760
BENZO(B)FLUORANTHENE	1,540
BENZO(K)FLUORANTHENE	1,490
CHRYSENE	1,850
DIBENZ(A,H)ANTHRACENE	645
INDENO(1,2,3-CD)PYRENE	1,340

SB-1 (10-12')

METALS (mg/kg)	
NICKEL	30.8

LEGEND

- PROPERTY BOUNDARY
- PROPOSED BUILDING
- WATER MAIN
- ○ PROPOSED SOIL BORING LOCATION
- ⊕ PROPOSED SOIL BORING/ MONITORING WELL LOCATION
- □ PROPOSED SOIL VAPOR POINT LOCATION

GRAPHIC SCALE

0 12.5 25

(IN FEET)
1 inch = 25 ft.

FIGURE 5

SOIL ANALYTICAL DATA SCO EXCEEDANCES

2244 CHURCH AVENUE
BROOKLYN, NEW YORK

PROJECT NO.: BG2244CHUR	DRAWN BY: LKO
PREPARED BY: TF	DATE: 3/23/2011
FILE NAME: BG2244CHUR	

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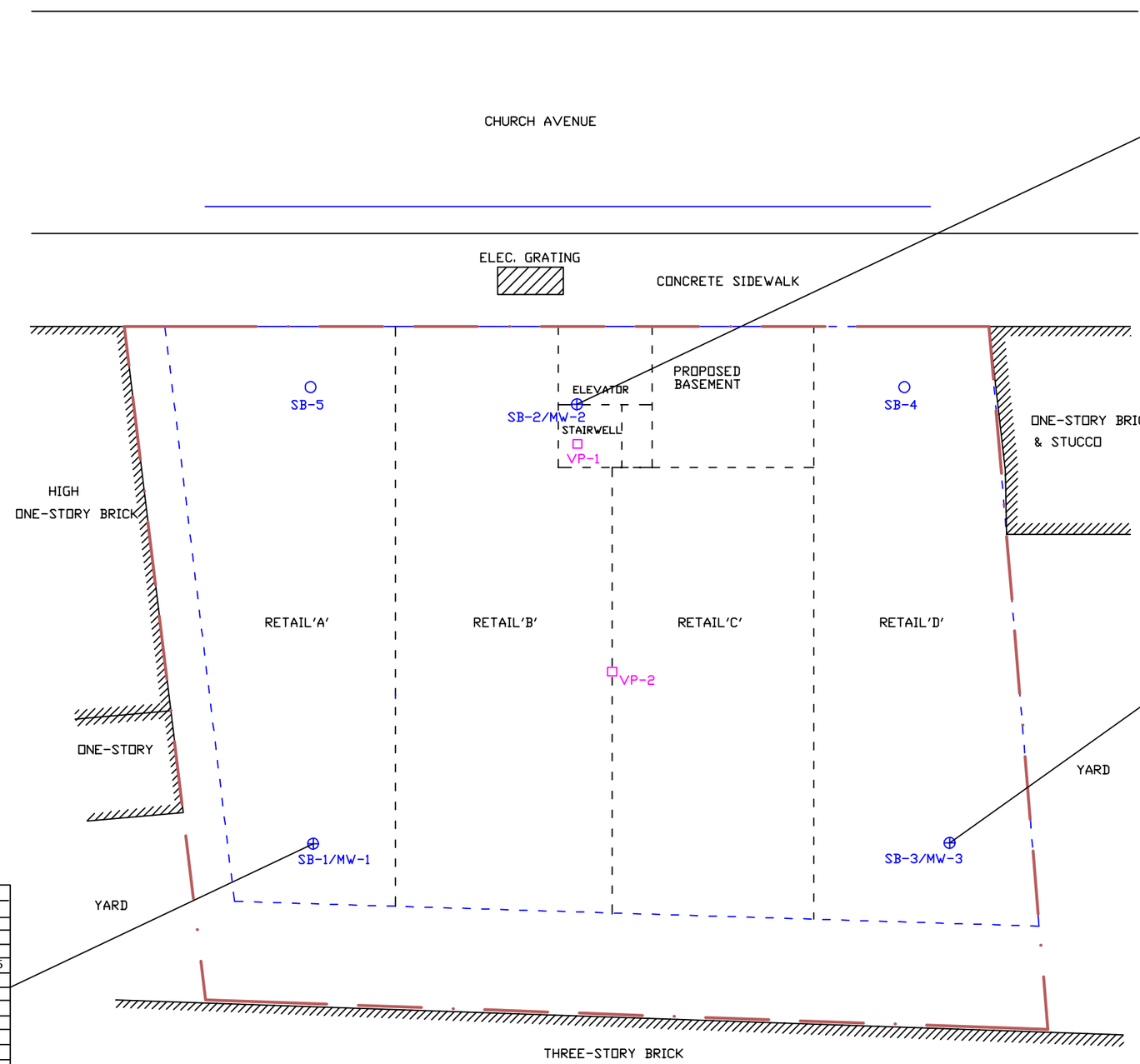

MW-2

METALS (mg/L)	
ALUMINUM	193
ARSENIC	0.0715
BARIUM	1.87
BERYLLIUM	0.0156
CADMIUM	0.0058
CHROMIUM	0.504
COPPER	0.615
IRON	361
LEAD	0.531
MAGNESIUM	196
MANGANESE	36.7
NICKEL	3.03
SELENIUM	0.0412
SODIUM	73.8

MW-3

METALS (mg/L)	
ALUMINUM	34.9
CHROMIUM	0.0783
IRON	63
LEAD	0.085
MAGNESIUM	43.2
MANGANESE	3.8
NICKEL	0.285
SODIUM	75

MW-1

VOCS (ug/L)	
TETRACHLOROETHENE	9.9
METALS (mg/L)	
ALUMINUM	95.7
ARSENIC	0.041
BERYLLIUM	0.0076
CHROMIUM	0.222
COPPER	0.305
IRON	178
LEAD	0.30
MAGNESIUM	87.9
MANGANESE	19.8
NICKEL	1.69
SODIUM	53.9

LEGEND

- PROPERTY BOUNDARY
- PROPOSED BUILDING
- WATER MAIN
- PROPOSED SOIL BORING LOCATION
- PROPOSED SOIL BORING/ MONITORING WELL LOCATION
- PROPOSED SOIL VAPOR POINT LOCATION

GRAPHIC SCALE

0 12.5 25

(IN FEET)
1 inch = 25 ft.

FIGURE 6
GROUNDWATER ANALYTICAL DATA EXCEEDANCES

2244 CHURCH AVENUE
BROOKLYN, NEW YORK

PROJECT NO.: BG2244CHUR	DRAWN BY: LKO
PREPARED BY: TF	DATE: 3/23/2011
FILE NAME: BG2244CHUR	

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TABLE 1
Phase II Investigation
Boring/Well/Probe Construction Data
2244 Church Avenue, Brooklyn, New York

Name	Type	Date Drilled/ Installed	Total Depth (ft)	Soil Sample Interval (ft)	Soil Sample Depth (ft)	Well Diameter (in)	Well Construction Material	Screen Interval (ft)	Top of Casing Elevation	Depth to Groundwater (ft) *	Groundwater Elevation	Latitude / Longitude	Comments
SB-1/MW-1	Boring / Temporary Monitoring Well	4/26-29/2011	49	continuous	0-42	2	PVC	39-49	100.00	41.31	58.69	40 39 00.24 / -73 57 25.88	
SB-2/MW-2	Boring / Temporary Monitoring Well	4/26-28/2011	48	continuous	0-42	2	PVC	38-48	99.41	40.66	58.75	40 39 01.20 / -73 57 25.69	
SB-3/MW-3	Boring / Temporary Monitoring Well	4/26/2011 - 5/2/2011	50	continuous	0-42	2	PVC	40-50	100.24	41.57	58.67	40 39 00.37 / -73 57 24.57	
SB-4	Boring	4/25/2011	10	continuous	0-10	NA	NA	NA	NA	NA	NA	40 39 01.14 / -73 57 24.34	
SB-5	Boring	4/26/2011	6	continuous	0-6	NA	NA	NA	NA	NA	NA	40 39 01.13 / -73 57 25.90	
VP-1	Soil Vapor Probe	4/29/2011	12	continuous	0-12	NA	Stainless Steel Implant / Poly. Tubing	11-12	NA	NA	NA	40 39 01.12 / -73 57 25.50	
VP-2	Soil Vapor Probe	4/28/2011	7	continuous	0-7	NA	Stainless Steel Implant / Poly. Tubing	6-7	NA	NA	NA	40 39 00.80 / -73 57 25.46	

Notes:
NA = not applicable
ft = feet

TABLE 2
Phase II Investigation
Soil Analytical Data
2244 Church Avenue, Brooklyn, New York

Analytical Parameter	NYSDEC Soil Cleanup Objective - Unrestricted Use	NYSDEC Soil Cleanup Objective - Restricted Use (µg/kg)[1]				Soil Sample Locations and Concentrations									
		Protection of Public Health													
		Residential	Restricted Residential	Commercial	Industrial	SB-1 (0-2')	SB-1 (10-12')	SB-2 (0-2')	SB-2 (10-12')	SB-3 (0-2')	SB-3 (10-12')	SB-4 (0-2')	SB-4 (8-10')	SB-5 (0-2')	SB-5 (4-6')
Metals (mg/kg)[1]															
Aluminum	--	--	--	--	--	**6600**	**3700**	**5610**	**3580**	**5990**	**3850**	**5300**	**5990**	**6570**	**6570**
Arsenic	13 [c]	16[f]	16[f]	16[f]	16[f]	**3.0**	**2.0**	**2.1**	**1.4**	**3.8**	**1.9**	**3.7**	**1.9**	**2.3**	**1.9**
Antimony	--	--	--	--	--	<0.28	<0.25	<0.30	<0.25	<0.28	<0.27	<0.28	<0.27	<0.26	<0.27
Barium	350 [c]	350[f]	400	400	10,000 [d]	**43.8**	**25.6**	**36.8**	**25.5**	**52.8**	**31.5**	**48.2**	**36.1**	**43.2**	**26.3**
Beryllium	7.2	14	72	590	2,700	**0.41**	**0.33**	**0.38**	**<0.25**	**0.46**	<0.27	**0.32**	**0.36**	**0.39**	**0.32**
Cadmium	2.5 [c]	2.5[f]	4.3	9.3	60	<0.28	<0.25	<0.30	<0.25	<0.28	<0.27	<0.28	<0.27	<0.26	<0.27
Calcium	--	--	--	--	--	**1950**	**1340**	**1590**	**956**	**3210**	**1210**	**6240**	**1730**	**2070**	**1920**
Chromium	30	36	180	1500	6800	**19.1**	**11.7**	**17.5**	**8.9**	**18.7**	**10**	**9.7**	**14.9**	**17.9**	**13.2**
Cobalt	--	--	--	--	--	**5.8**	**4.5**	**5**	**3.5**	**6.5**	**4.1**	**5.6**	**5.4**	**5.5**	**3.8**
Copper	50	270	270	270	10,000 [d]	**27.5**	**11.7**	**14.9**	**8.0**	**21.8**	**10.7**	**20.9**	**15.7**	**18**	**25.9**
Iron	--	--	--	--	--	**13300**	**10200**	**10900**	**7590**	**14600**	**9980**	**10200**	**11200**	**11800**	**10200**
Lead	63 [c]	400	400	1,000	3,900	**40.7**	**4.7**	**14.8**	**3.6**	**52.6**	**4.4**	**51.5**	**11.5**	**22.3**	**4.7**
Magnesium	--	--	--	--	--	**3290**	**2060**	**2750**	**1550**	**3020**	**2400**	**1400**	**2590**	**2870**	**1950**
Manganese	1600 [c]	2,000[f]	2,000[f]	10,000 [d]	10,000 [d]	**321**	**268**	**311**	**220**	**292**	**370**	**206**	**313**	**304**	**240**
Nickel	30	140	310	310	10,000 [d]	**32.7**	**30.8**	**29.6**	**21**	**32.9**	**31.1**	**16.1**	**27.1**	**32.5**	**27.9**
Potassium	--	--	--	--	--	**1110**	**637**	**1210**	**632**	**1480**	**1150**	**679**	**953**	**1130**	**528**
Selenium	3.9[c]	36	180	1,500	6,800	**0.67**	**0.25**	**0.39**	**0.26**	**0.67**	**0.48**	**0.77**	**0.29**	**0.38**	**0.32**
Silver	2	36	180	1,500	6,800	<0.28	<0.25	<0.30	<0.25	<0.28	<0.27	<0.28	<0.27	<0.26	<0.27
Sodium	--	--	--	--	--	**214**	<130	**238**	<130	**189**	**167**	<140	<140	**238**	**388**
Thallium	--	--	--	--	--	<0.55 *	<0.25	<0.30	<0.25	<0.28	<0.27	<0.28	<0.27	<0.26	<0.27
Vanadium	--	--	--	--	--	**22.4**	**14.4**	**19.3**	**13.8**	**35.7**	**18.7**	**19.3**	**21.3**	**22.8**	**21.2**
Zinc	109 [c]	2200	10,000 [d]	10,000 [d]	10,000 [d]	**47.3**	**20.2**	**38.7**	**18.3**	**49.1**	**23.1**	**38.5**	**30.3**	**34.4**	**26.1**
Total Mercury	0.18 [c]	0.81[j]	0.81[j]	2.8[j]	5.7[j]	**0.045**	<0.032	<0.036	<0.033	**0.45**	<0.031	**0.28**	**0.037**	**0.043**	<0.033
PCBs / Pesticides (ug/kg)[1]															
Aldrin	5 [c]	19	97	680	1400	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
alpha-BHC	20	97	480	3400	6800	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
beta-BHC	36	72	360	3000	14000	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Lindane	100	280	1300	9200	23000	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Chlordane (alpha)	94	910	4200	24000	47000	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Gamma Chlordane	NS	NS	NS	NS	NS	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
4,4'-DDD	3.3 [b]	1800	8900	62000	120000	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
4,4'-DDE	3.3 [b]	1800	8900	62000	120000	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
4,4'-DDT	3.3 [b]	1700	7900	47000	94000	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
delta-BHC [g]	40	100000[a]	100000[a]	500000[b]	1,000,000[c]	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Dieldrin	5[c]	14000	59000	350000	1,000,000[c]	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Endosulfan I[d, f]	2400	39000	200	1400	2800	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Endosulfan II[d, f]	2400	4800i	24000[i]	200000[i]	920000[i]	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Endosulfan sulfate[d, f]	2400	4800i	24000[i]	200000[i]	920000[i]	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Endrin	14	4800[i]	24000[i]	200000[i]	920000[i]	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Endrin Aldehyde	--	--	--	--	--	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Endrin Ketone	--	--	--	--	--	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Heptachlor	42	2200	11000	89000	410000	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Heptachlor Epoxide	--	--	--	--	--	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Methoxychlor	--	--	--	--	--	<6.7	<6.9	<7.5	<6.9	<7.0	<7.0	<7.4	<6.9	<7.0	<6.9
Toxaphene	--	--	--	--	--	<67	<69	<75	<69	<70	<70	<74	<69	<70	<69
Dibenzofuran [f]	7000	14000	59000	350000	1,000000c	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
PCB-1016	100	1000	1000	1000	25000	<110	<100	<120	<100	<110	<100	<110	<100	<100	<100
PCB-1221	100	1000	1000	1000	25000	<110	<100	<120	<100	<110	<100	<110	<100	<100	<100
PCB-1232	100	1000	1000	1000	25000	<110	<100	<120	<100	<110	<100	<110	<100	<100	<100
PCB-1242	100	1000	1000	1000	25000	<110	<100	<120	<100	<110	<100	<110	<100	<100	<100
PCB-1248	100	1000	1000	1000	25000	<110	<100	<120	<100	<110	<100	<110	<100	<100	<100
PCB-1254	100	1000	1000	1000	25000	<110	<100	<120	<100	<110	<100	<110	<100	<100	<100
PCB-1260	100	1000	1000	1000	25000	<110	<100	<120	<100	<110	<100	<110	<100	<100	<100

TABLE 2
Phase II Investigation
Soil Analytical Data
2244 Church Avenue, Brooklyn, New York

Analytical Parameter	NYSDEC Soil Cleanup Objective - Unrestricted Use	NYSDEC Soil Cleanup Objective - Restricted Use (µg/kg)[1]				Soil Sample Locations and Concentrations									
		Protection of Public Health				SB-1 (0-2')	SB-1 (10-12')	SB-2 (0-2')	SB-2 (10-12')	SB-3 (0-2')	SB-3 (10-12')	SB-4 (0-2')	SB-4 (8-10')	SB-5 (0-2')	SB-5 (4-6')
		Residential	Restricted Residential	Commercial	Industrial										
Semivolatile organic compounds (ug/kg)[1]															
Acenaphthene	20000	100000[a]	100000[a]	500000[b]	1,000,000[c]	**311**	<250	<290	<260	<270	<250	<280	<260	<260	<260
Acenapthylene[f]	100000[a]	100000[a]	100000[a]	500000[b]	1,000,000[c]	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Anthracene[f]	100000[a]	100000[a]	100000[a]	500000[b]	1,000000[c]	**585**	<250	<290	<260	<270	<250	<280	<260	**403**	<260
Benz(a)anthracene[f]	1000[c]	1000[f]	1000[f]	5600	11000	**2000**	<250	<290	<260	**291**	<250	**921**	<260	**2060**	<260
Benzo(a)pyrene	1000[c]	1000[f]	1000[f]	1000[f]	1100	**1760**	<250	<290	<260	<270	<250	**809**	<260	**1890**	<260
Benzo(b)fluoranthene[f]	1000[c]	1000[f]	1000[f]	5600	11000	**1540**	<250	<290	<260	<270	<250	**610**	<260	**1740**	<260
Benzo(g,h,i)perylene[f]	100000	100000[a]	100000[a]	500000[b]	1,000,000[c]	**1430**	<250	<290	<260	<270	<250	**565**	<260	**1300**	<260
Benzo(k)fluoranthene[f]	800[c]	1000	3900	56000	110000	**1490**	<250	<290	<260	<270	<250	**683**	<260	**1470**	<260
4-Bromophenyl-phenylether	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Butylbenzylphthalate	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Di-n-butylphthalate	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Carbazole	--	--	--	--	--	**282**	<250	<290	<260	<270	<250	<280	<260	<260	<260
4-Chloro-3-methylphenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
4-Chloroaniline	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
bis(2-Chloroethoxy)methane	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
bis(2-Chloroethyl)ether	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2-Chloronaphthalene	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2-Chlorophenol	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
4-Chlorophenyl-phenylether	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2,2'-oxybis(1-Chloropropane)	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Chrysene[f]	1000[c]	1000[f]	3900	56000	110000	**1850**	<250	<290	<260	321	<250	**899**	<260	**2020**	<260
Dibenz(a,h)anthracene[f]	330[b]	330[e]	330[e]	560	1100	**645**	<250	<290	<260	<270	<250	<280	<260	**656**	<260
Dibenzofuran	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
1,2-Dichlorobenzene[f]	1.1	100[a]	100[a]	500[b]	1,000[c]	<260	<250	<290	<260	<270	<250	**280**	<260	<260	<260
1,3-Dichlorobenzene[f]	2.4	17	49	280	560	<260	<250	<290	<260	<270	<250	**300**	<260	<260	<260
1,4-Dichlorobenzene	1.8	9.8	13	130	250	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
3,3'-Dichlorobenzidine	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2,4-Dichlorophenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
Diethylphthalate	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2,4-Dimethylphenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
Dimethylphthalate	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
4,6-Dinitro-2-methylphenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
2,4-Dinitrophenol	--	--	--	--	--	<1000	<1000	<1200	<1000	<1100	<1000	<1100	<1000	<1000	<1000
2,4-Dinitrotoluene	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
2,6-Dinitrotoluene	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Fluoranthene[f]	100000[a]	100000[a]	100000[a]	500000[b]	1,000,000[c]	**4020**	<250	<290	<260	**609**	<250	**1840**	<260	**3940**	<260
Fluorene	30000	100000[a]	100000[a]	500000[b]	1,000,000[c]	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Hexachlorobenzene	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Hexachlorobutadiene	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Hexachlorocyclopentadiene	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
Hexachloroethane	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Indeno(1,2,3-cd)pyrene[f]	500[c]	500[f]	500[f]	5600	11000	**1340**	<250	<290	<260	<270	<250	**542**	<260	**1380**	<260
Isophorone	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2-Methylnaphthalene	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2-Methylphenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
4-Methylphenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
Naphthalene[f]	12000	100000[a]	100000[a]	500000[b]	1,000,000[c]	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2-Nitroaniline	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
3-Nitroaniline	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
4-Nitroaniline	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
Nitrobenzene	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
2-Nitrophenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
4-Nitrophenol	--	--	--	--	--	<1000	<1000	<1200	<1000	<1100	<1000	<1100	<1000	<1000	<1000
N-Nitroso-di-n-propylamine	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
N-Nitrosodiphenylamine	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Di-n-octylphthalate	--	--	--	--	--	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Pentachlorophenol	800[b]	2400	6700	6700	55000	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
Phenanthrene[f]	100000	100000[a]	100000[a]	500000[b]	1,000,000[c]	**2660**	<250	<290	<260	**462**	<250	**771**	<260	**1880**	<260
Phenol	330[b]	100000[a]	100000a	500000[b]	1,000,000c	<260	<250	<290	<260	<270	<250	<280	<260	<260	<260
Pyrene[f]	100000	100000[a]	100000a	500000[b]	1,000,000c	**3410**	<250	<290	<260	**555**	<250	**1690**	<260	**3260**	<260
1,2,4-Trichlorobenzene	--	--	--	--	--	<260	<250	<290	<260	<270	<250	**296**	<260	<260	<260
2,4,5-Trichlorophenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520
2,4,6-Trichlorophenol	--	--	--	--	--	<520	<510	<590	<520	<540	<510	<560	<520	<520	<520

TABLE 2
Phase II Investigation
Soil Analytical Data
2244 Church Avenue, Brooklyn, New York

Analytical Parameter	NYSDEC Soil Cleanup Objective - Unrestricted Use	NYSDEC Soil Cleanup Objective - Restricted Use (µg/kg)[1]				Soil Sample Locations and Concentrations									
		Protection of Public Health				SB-1 (0-2')	SB-1 (10-12')	SB-2 (0-2')	SB-2 (10-12')	SB-3 (0-2')	SB-3 (10-12')	SB-4 (0-2')	SB-4 (8-10')	SB-5 (0-2')	SB-5 (4-6')
		Residential	Restricted Residential	Commercial	Industrial										
Volatile organic compounds (ug/kg)[1]															
Acetone	50	100000[a]	100000[b]	500000[b]	1,000000[c]	<420	<4.2	<4.4	<4.5	**9.0**	<5.1	<6.4	**6.7**	**18.9**	<5.1
Benzene	60	2900	4800	44000	89000	<42	<0.42	<0.44	<0.45	<0.56	<0.51	<0.64	<0.45	<0.49	<0.51
Bromodichloromethane	--	--	--	--	--	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Bromoform	--	--	--	--	--	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Bromomethane	--	--	--	--	--	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Methyl ethyl ketone (2-butanone)	120	100000[a]	100000[a]	500000[b]	1,000,000[c]	<420	<4.2	<4.4	<4.5	<5.6	<5.1	<6.4	<4.5	<4.9	<5.1
Carbon Disulfide	--	--	--	--	--	<420	<4.2	<4.4	<4.5	<5.6	<5.1	<6.4	<4.5	<4.9	<5.1
Carbon tetrachloride [f]	760	1400	2400	22000	44000	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Chlorobenzene	1100	100000[a]	100000[a]	500000[b]	1,000,000[c]	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Chloroethane	--	--	--	--	--	<420	<4.2	<4.4	<4.5	<5.6	<5.1	<6.4	<4.5	<4.9	<5.1
Chloroform	370	10000	49000	350000	700000	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Chloromethane	--	--	--	--	--	<420	<4.2	<4.4	<4.5	<5.6	<5.1	<6.4	<4.5	<4.9	<5.1
Dibromochloromethane	--	--	--	--	--	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
1,1-Dichloroethane [f]	270	19000	26000	240000	480000	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
1,2-Dichloroethane	20[c]	2300	3100	30000	60000	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
1,1-Dichloroethene[f]	330	100000[a]	100000[a]	500000[b]	1,000,000[c]	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
cis -1,2-Dichloroethene [f]	250	59000	100000[a]	500000[b]	1,000,000[c]	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
trans-1,2-Dichloroethene [f]	190	100000[a]	100000[a]	500000[b]	1,000,000[c]	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
1,2-Dichloropropane	--	--	--	--	--	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
cis-1,3-Dichloropropene	--	--	--	--	--	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
trans-1,3-Dichloropropene	--	--	--	--	--	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Ethylbenzene[f]	1000	30000	41000	390000	780000	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
2-Hexanone	--	--	--	--	--	<420	<4.2	<4.4	<4.5	<5.6	<5.1	<6.4	<4.5	<4.9	<5.1
4-Methyl-2-pentanone	--	--	--	--	--	<420	<4.2	<4.4	<4.5	<5.6	<5.1	<6.4	<4.5	<4.9	<5.1
Methylene chloride	50	51000	100000[a]	500000[b]	1,000,000[c]	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Styrene	--	--	--	--	--	<420	<4.2	<4.4	<4.5	<5.6	<5.1	<6.4	<4.5	<4.9	<5.1
1,1,2,2-Tetrachloroethane	--	--	--	--	--	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Tetrachloroethene	1300	5500	19000	150000	300000	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Toluene	700	100000[a]	100[a]	500000[b]	1,000,000[c]	<420	<4.2	<4.4	<4.5	<5.6	<5.1	<6.4	<4.5	<4.9	<5.1
1,1,1-Trichloroethane [f]	680	100000[a]	100000[a]	500000[b]	1,000,000[c]	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
1,1,2-Trichloroethane						<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Trichloroethene	470	10000	21000	200000	400000	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Vinyl chloride[f]	20	210	900	13000	27000	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0
Xylene (mixed)	260	100000[a]	100000[a]	500000[b]	1,000[c]	<170	<1.7	<1.7	<1.8	<2.2	<2.0	<2.5	<1.8	<2.0	<2.0

Notes:

[1] - NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives (SCOs)

[a] The SCOs for unrestricted use were capped at a maximum value of 100 ppm. See Technical Support Document (TSD), section 9.3.

[b] For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

[c] For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

[d] SCO is the sum of endosulfan I, endosulfan II and endosulfan sulfate.

[e] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

[f] Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS". Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

µg/kg - microgram per kilogram
mg/kg - milligrams per kilogram
< - Not detected at or above indicated laboratory reporting limit.
J - Laboratory estimated value
-- No guidance value
BOLD - A bolded concentration signifies a detection above laboratory reporting limits.
SHADED GREY CELL - A cell shaded grey signifies and exceedance of the unrestricted use cleanup objective
* - Elevated detection limit due to dilution required for matrix interference.

TABLE 3
Phase II Investigation
Ground Water Analytical Data
2244 Church Avenue, Brooklyn, New York

Analytical Parameter	TOGS 1.1.1 - Standard	TOGS 1.1.1 - Guidance	MW-1	MW-2	MW-3
Volatile organic compounds (ug/L)					
Acetone	--	50	<5.0	<5.0	<5.0
Benzene	1	--	<0.50	<0.50	<0.50
Bromodichloromethane	--	50	<1.0	<1.0	<1.0
Bromoform	--	50	<1.0	<1.0	<1.0
Bromomethane	5*	--	<2.0	<2.0	<2.0
2-Butanone	--	50	<5.0	<5.0	<5.0
Carbon Disulfide	--	--	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	--	<1.0	<1.0	<1.0
Chlorobenzene	5*	--	<1.0	<1.0	<1.0
Chloroethane	5**	--	<2.0	<2.0	<2.0
Chloroform	7	--	**3.5**	**1.1**	**1.8**
Chloromethane	--	--	<2.0	<2.0	<2.0
Dibromochloromethane	--	50	<1.0	<1.0	<1.0
1,1-Dichloroethane	5*	--	<1.0	<1.0	<1.0
1,2-Dichloroethane	0.6	--	<1.0	<1.0	<1.0
1,1-Dichloroethene	5*	--	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	5*	--	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	5*	--	<1.0	<1.0	<1.0
1,2-Dichloropropane	1	--	<2.0	<2.0	<2.0
cis-1,3-Dichloropropene	0.4	--	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.4	--	<0.50	<0.50	<0.50
Ethylbenzene	5*	--	<1.0	<1.0	<1.0
2-Hexanone	--	50	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	--	<5.0	<5.0	<5.0
Methylene Chloride	5*	--	<2.0	<2.0	<2.0
Styrene	5**	--	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	5*	--	<1.0	<1.0	<1.0
Tetrachloroethene	5*	--	**9.9**	**3.4**	<1.0
Toluene	5*	--	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	5*	--	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	1	--	<1.0	<1.0	<1.0
Trichloroethene	5*	--	<1.0	<1.0	<1.0
Vinyl Chloride	2	--	<1.0	<1.0	<1.0
Xylene (Total)	5*	--	<1.0	<1.0	<1.0
Semivolatile organic compounds (ug/L)					
Acenaphthene	--	20	<5.0	<5.0	<5.0
Acenaphthylene	--	--	<5.0	<5.0	<5.0
Anthracene	--	50	<5.0	<5.0	<5.0
Benzo(a)anthracene	--	--	<5.0	<5.0	<5.0
Benzo(a)pyrene	ND	--	<5.0	<5.0	<5.0
Benzo(b)fluoranthene	--	0.002	<5.0	<5.0	<5.0
Benzo(g,h,i)perylene	--	--	<5.0	<5.0	<5.0
Benzo(k)fluoranthene	--	0.002	<5.0	<5.0	<5.0
4-Bromophenyl-phenylether	--	--	<5.0	<5.0	<5.0
Butylbenzylphthalate	--	--	<5.0	<5.0	<5.0
Di-n-butylphthalate	--	--	<5.0	<5.0	<5.0
Carbazole	--	--	<5.0	<5.0	<5.0
4-Chloro-3-methylphenol	--	--	<10	<10	<10
4-Chloroaniline	5**	--	<10	<10	<10
bis(2-Chloroethoxy)methane	5**	--	<5.0	<5.0	<5.0
bis(2-Chloroethyl)ether	1	--	<5.0	<5.0	<5.0
2-Chloronaphthalene	--	10	<5.0	<5.0	<5.0
2-Chlorophenol	--	--	<5.0	<5.0	<5.0
4-Chlorophenyl-phenylether	--	--	<5.0	<5.0	<5.0
2,2'-oxybis(1-Chloropropane)	--	--	<5.0	<5.0	<5.0
Chrysene	--	0.002	<5.0	<5.0	<5.0
Dibenz(a,h)anthracene	--	--	<5.0	<5.0	<5.0
Dibenzofuran	--	--	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	3	--	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	3	--	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	3	--	<5.0	<5.0	<5.0
3,3'-Dichlorobenzidine	5**	--	<5.0	<5.0	<5.0

TABLE 3
Phase II Investigation
Ground Water Analytical Data
2244 Church Avenue, Brooklyn, New York

Analytical Parameter	TOGS 1.1.1 - Standard	TOGS 1.1.1 - Guidance	MW-1	MW-2	MW-3
2,4-Dichlorophenol	1	--	<10	<10	<10
Diethylphthalate	--	--	<5.0	<5.0	<5.0
2,4-Dimethylphenol	--	50	<10	<10	<10
Dimethylphthalate	--	--	<5.0	<5.0	<5.0
4,6-Dinitro-2-methylphenol	--	--	<10	<10	<10
2,4-Dinitrophenol	--	10	<20	<20	<20
2,4-Dinitrotoluene	5**	--	<10	<10	<10
2,6-Dinitrotoluene	5*	--	<10	<10	<10
bis(2-Ethylhexyl)phthalate	5	--	<2.0	<2.0	<2.0
Fluoranthene	--	50	<5.0	<5.0	<5.0
Fluorene	--	50	<5.0	<5.0	<5.0
Hexachlorobenzene	0.4	--	<5.0	<5.0	<5.0
Hexachlorobutadiene	0.5	--	<5.0	<5.0	<5.0
Hexachlorocyclopentadiene	5*	--	<10	<10	<10
Hexachloroethane	5*	--	<5.0	<5.0	<5.0
Indeno(1,2,3-cd)pyrene	--	0.002	<5.0	<5.0	<5.0
Isophorone	--	50	<5.0	<5.0	<5.0
2-Methylnaphthalene	--	--	<5.0	<5.0	<5.0
2-Methylphenol	--	--	<10	<10	<10
4-Methylphenol	--	--	<10	<10	<10
Naphthalene	--	10	<5.0	<5.0	<5.0
2-Nitroaniline	5**	--	<10	<10	<10
3-Nitroaniline	5**	--	<10	<10	<10
4-Nitroaniline	5**	--	<10	<10	<10
Nitrobenzene	0.4	--	<5.0	<5.0	<5.0
2-Nitrophenol	--	--	<10	<10	<10
4-Nitrophenol	--	--	<20	<20	<20
N-Nitroso-di-n-propylamine	--	--	<5.0	<5.0	<5.0
N-Nitrosodiphenylamine	--	50	<5.0	<5.0	<5.0
Di-n-octylphthalate	--	--	<5.0	<5.0	<5.0
Pentachlorophenol	1	--	<10	<10	<10
Phenanthrene	--	50	<5.0	<5.0	<5.0
Phenol	1	--	<5.0	<5.0	<5.0
Pyrene	--	50	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	--	--	<5.0	<5.0	<5.0
2,4,5-Trichlorophenol	--	--	<10	<10	<10
2,4,6-Trichlorophenol	--	--	<10	<10	<10
PCBs / Pesticides (ug/L)					
Aldrin	ND	--	<0.050	<0.051	<0.050
Alpha BHC	0.01	--	<0.050	<0.051	<0.050
Beta BHC	0.04	--	<0.050	<0.051	<0.050
Gamma BHC - Lindane	0.05	--	<0.050	<0.051	<0.050
Alpha Chlordane	--	--	<0.050	<0.051	<0.050
Gamma Chlordane	--	--	<0.050	<0.051	<0.050
p,p-DDD	0.3	--	<0.050	<0.051	<0.050
p,p-DDE	0.2	--	<0.050	<0.051	<0.050
p,p-DDT	0.2	--	<0.050	<0.051	<0.050
Delta BHC	0.4	--	<0.050	<0.051	<0.050
Dieldrin	0.004	--	<0.050	<0.051	<0.050
Endosulfan I	--	--	<0.050	<0.051	<0.050
Endosulfan II	--	--	<0.050	<0.051	<0.050
Endosulfan Sulfate	--	--	<0.050	<0.051	<0.050
Endrin	ND	--	<0.050	<0.051	<0.050
Endrin Aldehyde	5**	--	<0.050	<0.051	<0.050
Endrin Ketone	5**	--	<0.050	<0.051	<0.050
Heptachlor	0.04	--	<0.050	<0.051	<0.050
Heptachlor Epoxide	0.03	--	<0.050	<0.051	<0.050
Methoxychlor	35	--	<0.050	<0.051	<0.050
Toxaphene	0.06	--	<2.5	<2.6	<2.5
PCB-1016	0.09	--	<0.25	<0.25	<0.25
PCB-1221	0.09	--	<0.25	<0.25	<0.25
PCB-1232	0.09	--	<0.25	<0.25	<0.25
PCB-1242	0.09	--	<0.25	<0.25	<0.25

TABLE 3
Phase II Investigation
Ground Water Analytical Data
2244 Church Avenue, Brooklyn, New York

Analytical Parameter	TOGS 1.1.1 - Standard	TOGS 1.1.1 - Guidance	MW-1	MW-2	MW-3
PCB-1248	0.09	--	<0.25	<0.25	<0.25
PCB-1254	0.09	--	<0.25	<0.25	<0.25
PCB-1260	0.09	--	<0.25	<0.25	<0.25
Metals (mg/L)					
Aluminum	0.1	--	**95.7 ***	**34.9 ***	**193 ***
Antimony	0.003	--	<0.0050 *	<0.0020 *	<0.0050 *
Arsenic	0.025	--	**0.041 ***	**0.017 ***	**0.0715 ***
Barium	1	--	**0.945 ***	**0.379 ***	**1.87 ***
Beryllium	--	0.003	**0.0076 ***	**0.0026 ***	**0.0156 ***
Cadmium	0.005	--	<0.0050 *	<0.0020 *	**0.0058 ***
Calcium	--	--	**54 ***	**43.1 ***	**91 ***
Chromium	0.05	--	**0.222 ***	**0.0783 ***	**0.504 ***
Cobalt	--	--	**0.234 ***	**0.0422 ***	**0.326 ***
Copper	0.2	--	**0.305 ***	**0.0829 ***	**0.615 ***
Iron	0.3	--	**178 ***	**63 ***	**361 ***
Lead	0.025	--	**0.30 ***	**0.085 ***	**0.531 ***
Magnesium	--	35	**87.9 ***	**43.2 ***	**196 ***
Manganese	0.3	--	**19.8**	**3.8**	**36.7**
Nickel	0.1	--	**1.69 ***	**0.285 ***	**3.03 ***
Potassium	--	--	**46.6 ***	**32.8 ***	**97.7 ***
Selenium	0.01	--	**0.0078 ***	**0.0043 ***	**0.0412 ***
Silver	0.05	--	<0.0050 *	<0.0020 *	<0.0050 *
Sodium	20	--	**53.9 ***	**75 ***	**73.8 ***
Thallium	--	0.0005	<0.0050 *	<0.0020 *	<0.0050 *
Vanadium	--	--	**0.269 ***	**0.105 ***	**0.538 ***
Zinc	--	2	**0.561 ***	**0.186 ***	**1.06 ***
Mercury	0.0007	--	<0.00020	<0.00020	**0.00041**

Notes:
1. Standard / Guidance values are the NYSDEC's TOGS, dated October 22, 1993, revised June 1998.
< - Not detected at or above indicated laboratory reporting limit.
-- No Standard / Guidance Value
ug/L - Micrograms per liter
mg/L - Milligrams per liter
J - Laboratory estimated value.
* - Elevated detection limit due to dilution required for matrix interference.
BOLD - A bolded concentration signifies a detection above laboratory reporting limits.
SHADED GREY CELL - A cell shaded grey signifies and exceedance of the applicable regulatory standard / guidance value

TABLE 4
Phase II Investigation
Soil Vapor Analytical Data
2244 Church Avenue, Brooklyn, New York

Compound	Basis of Target Concentration C=cancer risk NC=noncancer risk	Target Shallow Soil Gas Concentration Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor=0.01 Csoil-gas		Target Deep Soil Gas Concentration Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor=0.01 Csoil-gas		Soil Sample Locations and Concentrations VP-1"M006"		VP-2 "M163"	
		(ppbv)	(ug/m3)	(ppbv)	(ug/m3)	ppb (v)	ug/m3	ppb (v)	ug/m3
Acetone	NC	1.50E+03	3.50E+03	1.50E+04	3.50E+04	**48.5**	**115**	**25.3**	**60.1**
Benzene	C	9.80E+01	3.10E+02	9.80E+02	3.10E+03	**1.1**	**3.5**	**1.9**	**6.1**
Benzyl Chloride	--	--	--	--	--	<1.0	<5.2	<0.50	<2.6
Bromodichloromethane	C	**	**	**	**	<1.0	<6.7	<0.50	<3.3
Bromoform	C	9.70E+00	5.00E+01	9.70E+01	5.00E+02	<1.0	<10	<0.50	<5.2
Bromoethene	--	--	--	--	--	<1.0	<4.4	<0.50	<2.2
Bromomethane	--	--	--	--	--	<1.0	<3.9	<0.50	<1.9
1,3-Butadiene	C	3.90E+00	8.70E+00	3.90E+01	8.70E+01	<1.0	<2.2	<0.50	<1.1
2-Butanone	NC	3.40E+03	1.00E+04	3.40E+04	1.00E+05	**43.4**	**128**	**20.6**	**60.8**
tert-Butyl Alcohol	--	--	--	--	--	**1.7**	**5.2**	<0.50	<1.5
Carbon Disulfide	NC	2.20E+03	7.00E+03	2.20E+04	7.00E+04	**2.2**	**6.9**	**3.1**	**9.7**
Carbon Tetrachloride	C	2.60E+01	1.60E+02	2.60E+02	1.60E+03	<0.40	<2.5	<0.50	<3.1
Chlorobenzene	NC	1.30E+02	6.00E+02	1.30E+03	6.00E+03	<1.0	<4.6	<0.50	<2.3
Chloroethane	NC	3.80E+04	1.00E+05	3.80E+05	1.00E+06	<0.40	<1.1	<0.50	<1.3
Chloroform	C	2.20E+01	1.10E+02	2.20E+02	1.10E+03	<1.0	<4.9	**1.1**	**5.4**
Chloromethane	NC	4.40E+02	9.00E+02	4.40E+03	9.00E+03	<1.0	<2.1	<0.50	<1.0
3-Chloropropene	--	--	--	--	--	<1.0	<3.1	<0.50	<1.6
2-Chlorotoluene	--	--	--	--	--	<1.0	<5.2	<0.50	<2.6
Cyclohexane	--	--	--	--	--	**1.3**	**4.5**	<0.50	<1.7
Dibromochloromethane	C	1.20E+01	1.00E+02	1.20E+02	1.00E+03	<1.0	<8.5	<0.50	<4.3
1,2-Dibromoethane	NC	2.60E-01	2.00E+00	2.60E+00	2.00E+01	<1.0	<7.7	<0.50	<3.8
1,2-Dichlorobenzene	NC	3.30E+02	2.00E+03	3.30E+03	2.00E+04	<1.0	<6.0	<0.50	<3.0
1,3-Dichlorobenzene	NC	1.70E+02	1.10E+03	1.70E+03	1.10E+04	<1.0	<6.0	<0.50	<3.0
1,4-Dichlorobenzene	NC	1.30E+03	8.00E+03	1.30E+04	8.00E+04	<1.0	<6.0	<0.50	<3.0
Dichlorodifluoromethane	NC	4.00E+02	2.00E+03	4.00E+03	2.00E+04	**16**	**79.1**	**0.72**	**3.6**
1,1-Dichloroethane	NC	1.20E+03	5.00E+03	1.20E+04	5.00E+04	<0.40	<1.6	<0.50	<2.0
1,2-Dichloroethane	C	2.30E+01	9.40E+01	2.30E+02	9.40E+02	<0.40	<1.6	<0.50	<2.0
1,1-Dichloroethene	NC	5.00E+02	2.00E+03	5.00E+03	2.00E+04	<0.40	<1.6	<0.50	<2.0
cis-1,2-Dichloroethene	NC	8.80E+01	3.50E+02	8.80E+02	3.50E+03	<0.40	<1.6	<0.50	<2.0
trans-1,2-Dichloroethene	NC	1.80E+02	7.00E+02	1.80E+03	7.00E+03	<0.40	<1.6	<0.50	<2.0
1,2-Dichloropropane	NC	8.70E+00	4.00E+01	8.70E+01	4.00E+02	<1.0	<4.6	<0.50	<2.3
cis-1,3-Dichloropropene	--	--	--	--	--	<1.0	<4.5	<0.50	<2.3
trans-1,3-Dichloropropene	--	--	--	--	--	<1.0	<4.5	<0.50	<2.3
1,4-Dioxane	--	--	--	--	--	<1.0	<3.6	<0.50	<1.8
Ethanol	--	--	--	--	--	**18.4**	**34.6**	<0.50	<0.94
Ethyl Acetate	NC	8.70E+03	3.20E+04	8.70E+04	3.20E+05	<1.0	<3.6	<0.50	<1.8
Ethylbenzene	C	5.10E+02	2.20E+03	5.10E+03	2.20E+04	**4**	**17**	**23**	**99.9**
4-Ethyltoluene	--	--	--	--	--	<1.0	<4.9	**5.9**	**29**
Freon 113	NC	3.90E+04	3.00E+05	3.90E+05	3.00E+06	<1.0	<7.7	<0.50	<3.8
Freon 114	--	--	--	--	--	<1.0	<7.0	<0.50	<3.5
Heptane	--	--	--	--	--	**34.5**	**141**	**3.3**	**14**
Hexachlorobutadiene	C	1.00E+01	1.10E+02	1.00E+02	1.10E+03	<1.0	<11	<0.50	<5.3
Hexane	NC	5.70E+02	2.00E+03	5.70E+03	2.00E+04	**3.4**	**12**	**5.1**	**18**
2-Hexanone	--	--	--	--	--	<1.0	<4.1	**4.5**	**18**
Isooctane	--	--	--	--	--	**1.6**	**7.5**	<0.50	<2.3
Isopropyl Alcohol	--	--	--	--	--	<1.0	<2.5	<0.50	<1.2
Methyl t-Butyl Ether	NC	8.30E+03	3.00E+04	8.30E+04	3.00E+05	<1.0	<3.6	<0.50	<1.8
4-Methyl-2-Pentanone	NC	2.00E+02	8.00E+02	8.00E+03	2.00E+03	**1.1**	**4.5**	<0.50	<2.0
Methylene Chloride	NC	1.50E+03	5.20E+03	1.50E+04	5.20E+04	<1.0	<3.5	<0.50	<1.7
Propene	--	--	--	--	--	**15.2**	**26.1**	<0.50	<0.86
Styrene	NC	2.30E+03	1.00E+04	2.30E+04	1.00E+05	<1.0	<4.3	**1.3**	**5.5**
1,1,2,2-Tetrachloroethane	C	6.10E+00	4.20E+01	6.10E+01	4.20E+02	<0.40	<2.7	<0.50	<3.4
Tetrachloroethene	C	1.20E+02	8.10E+02	1.20E+03	8.10E+03	<0.40	<2.7	0.52	3.5
Tetrahydrofuran	--	--	--	--	--	**1.8**	**5.3**	<0.50	<1.5
Toluene	NC	1.10E+03	4.00E+03	1.10E+04	4.00E+04	**49.5**	**187**	**90.9**	**343**
1,2,4-Trichlorobenzene	NC	2.70E+02	2.00E+03	2.70E+03	2.00E+04	<1.0	<7.4	<0.50	<3.7
1,1,1-Trichloroethane	NC	4.00E+03	2.20E+04	4.00E+04	2.20E+05	<0.40	<2.2	<0.50	<2.7
1,1,2-Trichloroethane	C	2.80E+01	1.50E+02	2.80E+02	1.50E+03	<0.40	<2.2	<0.50	<2.7
Trichloroethene	C	4.10E+00	2.20E+01	4.10E+01	2.20E+02	**0.45**	**2.4**	<0.50	<2.7
Trichlorofluoromethane	NC	1.20E+03	7.00E+03	1.20E+04	7.00E+04	<1.0	<5.6	**0.52**	**2.9**
1,2,4-Trimethylbenzene	NC	1.20E+01	6.00E+01	1.20E+02	6.00E+02	**1.1**	**5.4**	**17.5**	**86**
1,3,5-Trimethylbenzene	NC	1.20E+01	6.00E+01	1.20E+02	6.00E+02	<1.0	<4.9	**8.2**	**40**
Vinyl Acetate	NC	5.70E+02	2.00E+03	5.70E+03	2.00E+04	<1.0	<3.5	<0.50	<1.8
Vinyl Chloride	C	1.10E+02	2.80E+02	1.10E+03	2.80E+03	<0.40	<1.0	<0.50	<1.3
m/p-Xylene	NC	1.60E+04	7.00E+04	1.60E+05	7.00E+05	**10.9**	**47.3**	**78.9**	**343**
o-Xylene	NC	1.60E+04	7.00E+04	1.60E+05	7.00E+05	**3.8**	**17**	**21.3**	**92.5**

Notes:
Table 2 (a) of EPA Office of Solid Waste and Emergency Response (OSWER) Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soil (Subsurface Vapor Intrusion Guidance), November 2002
< - Not detected at or above indicated laboratory reporting limit.
-- No Standard / Guidance Value
ppbv - part per billion by volume
ug/m3 - micrograms per cubic meter
BOLD - A bolded concentration signifies a detection above laboratory reporting limits.
SHADED GREY CELL - A cell shaded grey signifies and exceedance of the applicable regulatory standard / guidance value

APPENDIX A – PHASE 1 REPORT

PHASE I ENVIRONMENTAL ASSESSMENT

2242-2260 Church Avenue
BROOKLYN, NY 11226

Prepared For:

Meir Babaev
83-32 Parsons Boulevard
Jamaica, NY 11432

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

2242-2260 Church Avenue
BROOKLYN, NY 11226

Date Issued: February 15, 2011

Prepared By:
SINGER ENVIRONMENTAL GROUP, LTD.
5318 New Utrecht Avenue
Brooklyn, NY 11219

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EXECUTIVE SUMMARY

Singer Environmental Group (SEG) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations set forth by SEG for the property located at 2242-2260 Church Avenue, Brooklyn, NY (the "Property").

The Phase I Environmental Site Assessment is designed to provide the Client with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the property. This assessment was conducted utilizing generally accepted ESA industry standards in accordance with ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process*.

The Property is situated on a rectangular shaped parcel of land comprised of approximately 23,153 Sq. Ft. The parcel of land is situated in a commercial/residential area of Brooklyn consisting of commercial type land use. The Property is a one story vacant (former restaurant) building and a parking lot. According to NYC Oasis information, this building was built in 1993. According to Sanborn History Maps, the subject property is depicted as dwellings, wagon shed, coal shed in the 1900's, stores, dwelling, vacant in the 1920's, stores, auto parking, office, unclear in the 1950's, auto parking, office, unclear from the 1960's to 1980, vacant, unclear in the mid 1980's, auto parking, office, unclear in 1986, commercial, auto parking from 1987 through the 1990's. According to knowledgeable sources, this site has been vacant for approximately 4 years, Veggie Castle for 11 years, prior; White Castle for a long time.

SEG conducted limited visual asbestos survey as part of this assessment. SEG did not observe any visible and/or friable ACM during this inspection. In the event of change in present status, eg, demolition, alteration, modification, all materials should tested and verified free of any ACM.

Lead based paint hazards and mold hazards were not surveyed for this report

SEG a former gas fired HVAC Unit. No aboveground or underground storage tanks were noted during this inspection. No vent or fill was noted during this inspection. No fuel oil applications were filed with the Department of Buildings.

SEG did not observe any PCB's during this inspection.

This site is an "E" (Environmental) Designated site with the NYC Department of City Planning.

Due to the fact that plans are being filed with the NYC Department of Buildings to obtain work permits, it is required by the NYC Department of Planning that a Phase I Environmental Site Assessment and a Phase II Sampling Workplan be submitted to the NYC DEP for approval before any permit will be issued.

First Floor

Vacant (Former Restaurant)	-	Ceramic Floor, Panel/Ceiling Tile, Panel Walls. HVAC, Freezer Box, Kitchen, Etc.
Parking Lot	-	Snow covered. Asphalt. Storm Drains.

Conclusions

SEG has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of 2242-2260 Church Avenue, BROOKLYN, NY, the Property. Any exceptions to or deletions from this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- **This site is an "E" (Environmental) Designated site with the NYC Department of City Planning.**

Recommendations

Based on the findings of this ESA, SEG recommends the following:

- Due to the fact that plans are being filed with the NYC Department of Buildings to obtain work permits, it is required by the NYC Department of Planning that a Phase I Environmental Site Assessment and a Phase II Sampling Workplan be submitted to the NYC DEP for approval before any permit will be issued.

1.0 INTRODUCTION

Singer Environmental Group (SEG) was retained to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 2242-2260 Church Avenue, BROOKLYN, NY 11226 (the Property). The protocol used for this assessment is in general conformance with ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process*.

On February 7, 2011, Shemon Singer, a representative of SEG, conducted a site reconnaissance to assess the possible presence of petroleum products and hazardous materials at the Property. SEG's investigation included review of reconnaissance of adjacent properties, background research, and review of available local, state, and federal regulatory records regarding the presence of petroleum products and/or hazardous materials at the Property.

SEG contracted Environmental Data Resources (EDR) of Southport, Connecticut to perform a computer database search for local, state, and Federal regulatory records pertaining to environmental concerns for the Property and properties in the vicinity of the Property (see Section 7.0).

1.1 Purpose

The purposes of this Phase I Environmental Site Assessment ("ESA") are: To identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E-1527-05) in connection with the Property. SEG understands that the findings of this study will be used by the Client to evaluate a pending financial transaction in connection with the Property.

1.2 Scope of Services

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E 1527-05. SEG warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

No other warranties are implied or expressed.

1.3 Assumptions

There is a possibility that even with the proper application of these methodologies there may exist on the Property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. SEG believes that the information obtained from the record review and the interviews concerning the site is reliable. However, SEG cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the Client with information relating to the Property.

1.4 Limitations and Exceptions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM 1527-05.

1.5 User Provided Information

Pursuant to ASTM E 1527-2005, the following site information was requested from the Client (User of this report), by SEG.

ITEM	PROVIDED BY USER	NOT PROVIDED BY USER	DISCUSSED BELOW	DOES NOT APPLY
2.1.1 Environmental Pre-survey Questionnaire		X		
2.1.2 Title Records		X		
2.1.3 Environmental Liens or Activity and Use Limitation		X		
2.1.4 Specialized Knowledge				
2.1.5 Valuation Reduction for Environmental Issues		X		
2.1.6 Identification of Key Site Manager	X			
2.1.7 Reason for Performing Phase 1 ESA	**YES, SEE SECTION 1.1**			
2.1.8 Prior Environmental Reports		X		
2.1.9 Other		X		

1.6 Interviews

Interviews were conducted with the following individuals. Findings from these interviews are discussed in the appropriate sections in this report.

Regulatory Officials

- A FOIL Request was submitted to the NYS DEC, NYC Department of Health (DOH) and the NYC Department of Environmental Protection (DEP)

NYS DEC -	Hunters Pointe Plaza, 47-40 21st Street, Long Island City, NY 11101
NYC DEP -	59-17 Junction Boulevard 8th Floor, Corona, NY 11373
NYC DOH-	125 Worth Street, New York, NY 11226

1.7 Special Terms and Conditions

The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the client. No subsurface exploratory drilling or sampling was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical analyses have been performed during the course of this ESA.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

SEG, their principals and employees are indemnified for any future changes or conditions of deterioration in or on the subject property. Inasmuch as each has made not guarantees of the premises, expressed or implied in connection with this report, any liability which each may have shall be limited to the fee for the inspection of the property.

1.8 Use Reliance

SEG, in evaluating a request for an extension of credit (the "Mortgage Loan") to be secured by the property may rely upon this report. This information also may be used by any actual or prospective purchaser, transferee, assignee, or servicer of the Mortgage Loan, any actual or prospective investor (including agent or advisor) in any securities evidencing a beneficial interest in or backed by the Mortgage Loan, any rating agency actually or prospectively rating any such securities, any indenture trustee, and any institutional provider(s) from time to time of any liquidity facility or credit support for such financing. In addition, this report or a reference to this report, may be included or quoted in any offering circular, registration statement, or prospectus in connection with a securitization or transaction involving the Mortgage Loan and/or such securities. This report has no other purpose and should not be relied upon by any other person or entity.

2.0 SITE DESCRIPTION

2.1 Property Location and Jurisdiction

The address of the Property is 2242-2260 Church Avenue BROOKLYN, NY. The Property is located in a residential/commercial area of BROOKLYN. According to the NYC Department of Buildings, the block and lot numbers are 5103, 42. The legal description is reproduced below:

Parcel 1:

According to the NYC Department of Buildings (DOB), this property is known as 2242-2260 Church Avenue with a block and lot of 5103, 42. The DOB has a zoning of "Store Building" building use. According to NYC Oasis Information, the landuse of this property is "Commercial/Office" building use, the zoning is C4-4A. According to NYC Oasis information, this building was built in 1993. NYC Oasis records a lot area of 23,153 sq. ft., lot and a building gross area of 4,772 Sq. Ft. This property is located on Church Avenue with cross street of Flatbush Avenue and Bedford Avenue.

According to the NYC DOF and NYC Oasis, the Property is currently owned by 2248 Church Avenue LLC.

2.2 Property Description and Improvements

The Property consists of a rectangular shaped parcel approximately 23,153 ft. in size. The Property is designed commercial purposes. Currently, the Property is developed with 1 structure that was constructed in 1993. The structure at the Property is a one story vacant building containing a former restaurant and a parking lot. This site comprises a total of 4,772 square feet of building space.

3.0 HISTORICAL USE INFORMATION

3.1 NYC Oasis information, Sanborn History Maps

According to NYC Oasis information, this building was built in 1993. According to Sanborn History Maps, the subject property is depicted as dwellings, wagon shed, coal shed in the 1900's, stores, dwelling, vacant in the 1920's, stores, auto parking, office, unclear in the 1950's, auto parking, office, unclear from the 1960's to 1980, vacant, unclear in the mid 1980's, auto parking, office, unclear in 1986, commercial, auto parking from 1987 through the 1990's. According to knowledgeable sources, this site has been vacant for approximately 4 years, Veggie Castle for 11 years, prior; White Castle for a long time.

4.0 ENVIRONMENTAL SETTING

4.1 Topography

The United States Geological Survey (USGS), Brooklyn Quadrangle 7.5-Minute series topographic map was reviewed for this ESA. This map was published by the USGS in 1966 and was photorevised in 1995. A review of the USGS 7.5 Minute Topography map was conducted. Based on the topographical gradients, the groundwater flow is assumed to be in a northwesterly direction.

4.2 Soils

Soil types in the area are generally loamy sand, silt loam, sandy loam and fine sandy loam.

4.3 Geology

There are no predominant geological surface features on subject property. The elevation of the property is 48 Ft. above sea level.

4.4 Hydrology

The nearest surface water in the vicinity of the Property is the Prospect Lake. No settling ponds, lagoons, surface impoundments, wetlands or natural catchbasins were observed at the Property during this investigation.

4.5 Flood Zone Information

A review of the Flood Insurance Rate Maps, published by the Federal Emergency Management Agency, was performed. The Property is located in Flood Zone X. Zone X are the flood insurance rate zones that correspond to areas outside the 1-percent annual chance floodplain, areas of 1-percent annual chance sheet flow flooding where average depths are less than 1 foot, areas of 1-percent annual chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1-percent annual chance flood by levees. No Base Flood Elevations or depths are shown within this zone. Insurance purchase is not required in these zones.

4.6 Oil and Gas Exploration

The on-site reconnaissance addressed oil and gas exploration at the Property. According to the NYS Department of Conservation, Division of Oil, Gas no operating or abandoned oil or gas wells are on or adjacent to the Property.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

The Property was inspected by Shemon Singer on February 7, 2011. The weather at the time of the site visit was cloudy, 46 degrees. SEG accessed the first floor.

5.2 General Site Characteristics

5.2.1 Solid Waste Disposal

No solid waste generated at this building.

5.2.2 Surface Water Drainage

There are no surface water bodies or streams on the subject property.

5.2.3 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

5.2.4 Wastewater

No indications of industrial wastewater disposal or treatment facilities were observed during the onsite reconnaissance.

5.2.5 Additional Site Observations

No additional relevant general Site characteristics were observed.

5.2.6 Polychlorinated Biphenyls (PCBs)

An inspection was conducted at the subject property and in the immediate vicinity for the presence of any underground, surface or suspended transformers and visible power supply sources. Oil-containing transformers are known to frequently contain PCBs (Polychlorinated biphenyl's). PCBs are contained in older transformers and other electrical equipment and have the potential for serious health risks. The level of PCB content in such transformers and electrical equipment is regulated by the U.S. Environmental Protection Agency, Regulations 40 CFR Part 761. Upon visual inspection, **NO** suspended transformers power supply sources were identified. Contact with Con Edison has nevertheless been made to determine definitely if any equipment owned and/or maintained by Con Edison located on or in the immediate vicinity of the subject property contain PCB's.

Older transformers and other electrical equipment could contain polychlorinated biphenyls (PCBs) at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified:

- Less than 50 parts per million (PPM) of PCBs – "*Non-PCB" transformer*
- 50 ppm-500 ppm – "*PCB-Contaminated" electrical equipment*
- Greater than 500 ppm – *"PCB" transformer*

- **SEG did not observe any PCB's during this inspection.**

Potential Environmental Conditions

5.3.1 Hazardous Materials and Petroleum Products Used or Stored at the Site

No hazardous materials and petroleum products are used or stored at the site.

5.3.1.1 Unlabeled Containers and Drums

No unlabeled containers or drums were observed during the Site reconnaissance.

5.3.1.2 Disposal Locations of Regulated/ Hazardous Waste

No obvious indications of hazardous waste generation, storage or disposal were observed on the Property or were indicated during interviews.

5.3.2 Evidence of Releases

No obvious indications of hazardous material or petroleum product releases, such as stressed vegetation, was observed during the site reconnaissance or reported during interviews.

See "E" Designation.

5.3.3 Polychlorinated Biphenyls (PCBs)

An inspection was conducted at the subject property and in the immediate vicinity for the presence of any underground, surface or suspended transformers and visible power supply sources. Oil-containing transformers are known to frequently contain PCBs (Polychlorinated biphenyl's). PCBs are contained in older transformers and other electrical equipment and have the potential for serious health risks. The level of PCB content in such transformers and electrical equipment is regulated by the U.S. Environmental Protection Agency,

Regulations 40 CFR Part 761. Upon visual inspection, **NO** transformers were noted during this inspection.

Older transformers and other electrical equipment could contain polychlorinated biphenyls (PCBs) at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified:

* Less than 50 parts per million (PPM) of PCBs – "*Non-PCB" transformer*
    * 50 ppm-500 ppm – "*PCB-Contaminated" electrical equipment*
    * Greater than 500 ppm – "*PCB" transformer*

SEG did not observe any transformers on the Property. No other potential PCB-containing equipment (oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc) expected to contain PCBs was observed on the Property during SEG's reconnaissance.

5.3.4 Landfills

No evidence of on-site landfilling was observed or reported during the site reconnaissance.

5.3.5 Pits, Ponds, Lagoons, Sumps, and Catch basins

No evidence of on-site pits, ponds or lagoons was observed or reported during the site reconnaissance. No evidence of sumps or catch basins, other than used for storm water removal, was observed or reported during the site reconnaissance.

5.3.4 Landfills

No evidence of on-site landfilling was observed or reported during the site reconnaissance.

5.3.5 Pits, Ponds, Lagoons, Sumps, and Catch basins

No evidence of on-site pits, ponds or lagoons was observed or reported during the site reconnaissance. No evidence of sumps or catch basins, other than used for storm water removal, was observed or reported during the site reconnaissance.

5.3.6 On-Site ASTs and USTs

SEG a former gas fired HVAC Unit. No aboveground or underground storage tanks were noted during this inspection. No vent or fill was noted during this inspection. No fuel oil applications were filed with the Department of Buildings.

5.3.7 Radiological Hazards

No radiological substances or equipment was observed or reported stored on the Property.

5.3.8 Lead in Drinking Water

The Property is connected to the city water supply provided by NYC DEP. According to NYC DEP representative, the drinking water supplied to the site is within EPA standards, including lead and copper.

5.3.9 Additional Hazard Observations

As part of this assessment, SEG performed a limited visual inspection for the conspicuous presence of mold. A class of fungi, molds have been found to cause a variety of health problems in humans, including allergic, toxicological, and infectious responses. Molds are decomposers of organic materials, and thrive in humid environments, and produce spores to reproduce, just as plants produce seeds. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation and carpeting often play host to such growth. Moisture control is the key to mold control. Molds need both food and water to survive; since molds can digest most things, water is the factor that limits mold growth.

The EPA recommends the following action to prevent the amplification of mold growth in buildings:

- Fix leaky plumbing and leaks in the building envelope as soon as possible;
- Watch for condensation and wet spots. Fix source(s) of moisture problem(s) as soon as possible;
- Prevent moisture due to condensation by increasing surface temperature or reducing the moisture level in air (humidity). To increase surface temperature, insulate or increase air circulation. To reduce the moisture level in air, repair leaks, increase ventilation (if outside air is cold and dry), or dehumidify (if outdoor air is warm and humid);
- Keep heating, ventilation, and air conditioning (HVAC) drip pans clean, flowing properly, and unobstructed;
- Vent moisture-generating appliances, such as dryers, to the outside where possible;

- Maintain low indoor humidity, below 60% relative humidity (RH), ideally 30-50%, if possible;
- Perform regular building/HVAC inspections and maintenance as scheduled;
- Clean and dry wet or damp spots within 48 hours;
- Don't let foundations stay wet. Provide drainage and slope the ground away from the foundation.

SEG observed interior areas of the Property structure(s), including interior walls and ceilings (in the 10% of residential units observed), in-unit and common mechanical closets, areas under kitchen and bathroom sinks, and flat roofs (for evidence of water ponding) for the presence of conspicuous mold or observed water intrusion or accumulation. SEG **did not** note conspicuous visual or olfactory indications of the presence of mold, nor did SEG observe obvious indications of significant water damage. No sampling was conducted as part of this assessment.

This activity was not designed to discover all areas which may be affected by mold growth on the Property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the Property. Additional areas of mold not observed as part of this limited assessment, possibly in pipe chases, HVAC systems and behind enclosed walls and ceilings, may be present on the Property.

5.3.10 Asbestos-Containing Materials (ACM)

As part of the asbestos section of this survey, an inspection of all the aforementioned areas were conducted:
Construction materials on the exterior and interior of the building were also inspected for possible asbestos content.
Within each of these rooms/areas/facilities, piping insulation (e.g. on hot and cold water supply piping), if any, was checked at exposed locations for possible asbestos content.

No visible and/or friable ACM was noted during this inspection.

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all materials should tested and verified free of any ACM.

5.3.11 Radon

The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action limit of 4.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures. Review of the EPA Map of Radon Zones places the Property in Zone 3, where average predicted radon levels are less than 2.0 pCi/L. This property is located in Zone 3.

5.3.12 Lead-Based Paint

Based on the Scope of Services, LBP was not evaluated for this assessment.

Paint samples were **NOT** taken for lead content. However, in older buildings it is likely that lead based paint was used within the multi-layered painted surfaces. (Lead based paint was banned in 1978). Lead paint can be hazardous if digested, especially by small children.
Lead based paint was not surveyed for this report.
Lead violations, if any, should show up on the Title Report.

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all materials should tested and verified free of any Lead Based Paint.

5.3.13 Mold

On October 29, 1993, the New York City Department of Health (DOH), the New York City Human Resources Administration (HRA), and the Mt. Sinai Occupational Health Clinic convened an expert panel on *Stachybotrys atra* in Indoor Environments. The purpose of the panel was to develop policies for medical and environmental evaluation and intervention to address Stachybotrys atra (now known as Stachybotrys Chartarum (SC)) contamination. the original guidelines were developed because of mold growth problems in several New York City buildings in the early 1990's. This documents revises and expands the original guidelines to include all fungi (mold).

Currently there are no United States Federal, New York State, or New York City regulations for evaluating potential health effects of fungal contamination and remediation. These guidelines are subject to change as more information regarding fungal contaminants becomes available.

Mold was not surveyed for this report.
Mold violations, if any, should show up on the Title Report.

6.0 CURRENT USE OF ADJOINING PROPERTIES

During the vicinity reconnaissance, SEG observed the following land use on properties in the immediate vicinity of the Property.

6.1 Current Use

North:	Areas immediately adjacent to the north of the Property include the following: Residential/Stores
South:	Areas immediately adjacent to the south of the Property include the following: School
East:	Areas immediately adjacent to the east of the Property include the following: Residential/Stores
West:	Areas immediately adjacent to the west of the Property include the following: Stores

6.2 Historical Use

North:	The property located to the north is not depicted on the history maps.
South:	According to Sanborn History Maps, the property located to the south is depicted as a school from the 1900's to the 1990's.
East:	According to Sanborn History Maps, the property located to the east is depicted as school, stores from the 1900's to the 1990's.
West:	According to Sanborn History Maps, the property located to the west is depicted as dwelling, vacant structures in the 1900's, dwellings in the 1920's, bowling alley from the 1950's to the mid 1980's, bank from the late 1980's to the 1990's.

7.0 RECORDS REVIEW

7.1 Standard Environmental Record Sources

7.1.1 State and Federal Regulatory Review

Information from standard Federal and state environmental record sources was provided through Environmental Data Resources (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately +/-300 feet.

In some cases, location information supplied by the database provider is insufficient to allow geocoded facility locations. These facilities are listed under the unmappables section within the EDR report. A review of the unmappable facilities indicated that none of these facilities are within the ASTM minimum search distance from the Property.

Regulatory information from the following database sources regarding possible recognized environmental conditions, within the ASTM minimum search distance from the Property, was reviewed. Specific facilities are discussed below if determined likely that a potential recognized environmental condition has resulted at the Property from the listed facilities. Please refer to Appendix C-1 for a complete listing.

Federal NPL

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

No NPL sites are located within one mile of the Property.

Federal CERCLIS List

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

No CERCLIS sites are listed within one-half mile of the Property.

Federal CERCLIS NFRAP Sites List

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of sites that the EPA has investigated, and has determined that the facility does not pose a threat to human health or the environment, under the CERCLA framework.

No CERCLIS NAFRAP sites within ½ mile of the property.

Federal Resource Conservation and Recovery Act (RCRA) CORRACTS TSD Facilities List

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Treatment, Storage and Disposal (TSD) database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste. The CORRACTS database is the EPA's list of treatment storage or disposal facilities subject to corrective action under RCRA.

No RCRA CORRACTS TSD facilities are listed within one mile of the Property.

Federal Resource Conservation and Recovery Act (RCRA) Non-CORRACTS TSD Facilities List

The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

No RCRA TSD sites are listed within one-half mile of the Property.

Federal RCRA Generator List

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

1 Sm. Quantity RCRA Generator facilities are listed within ¼ mile of the property.

- Based upon the review of available information, the above listed facilities are not anticipated to directly impact the Property and no further investigation is warranted.

Federal Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information or reported release of oil or hazardous substances.

No ERNS sites were listed on the Property or on the adjacent properties.

State Priority List

The database maintains a State Priority List (SPL) of sites considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment.

No SPL sites are listed within one mile of the Property.

State CERCLIS-Equivalent List

The database maintains a State CERCLIS-equivalent list (SCL) of sites under investigation that could be actually or potentially contaminated and presenting a possible threat to human health and the environment.

No SCL sites are listed within one-half mile of the Property.

Solid Waste/Landfill Facilities (SWLF)

A database of SWLF is listed.

No SWLF facilities are listed within one-half mile of the Property.

State Leaking Underground Storage Tank List (LUST)

The NYS DEC compiles lists of all leaks of hazardous substances from underground storage tanks.

68 LUST sites are listed within one-half mile of the Property.

- Based upon the review of available information, the above listed facilities are not anticipated to directly impact the Property and no further investigation is warranted.

State Underground Storage Tank List (UST)

The NYS DEC compiles lists of all underground storage tanks located ¼ mile of the subject property.

34 UST sites are listed within one-quarter mile of the Property.

- Based upon the review of available information, the above listed facilities are not anticipated to directly impact the Property and no further investigation is warranted.

This site is an "E" (Environmental) Designated site with the NYC Department of City Planning.

Due to the fact that plans are being filed with the NYC Department of Buildings to obtain work permits, it is required by the NYC Department of Planning that a Phase I Environmental Site Assessment and a Phase II Sampling Workplan be submitted to the NYC DEP for approval before any permit will be issued.

7.1.2 Local Regulatory Review

7.1.2.1 Building Department

Records from the city Building Department were reviewed for evidence indicating the developmental history of the Property, and for the presence of documentation relative to underground storage tanks.

7.1.2.2 Other Agencies

FOIL Requests were submitted to the NYS DEC, NYC DEP and NYC DOH, to date no response has been received, when a response is received an addendum will follow.

8.0 FINDINGS AND CONCLUSIONS

8.1 Findings

8.1.1 On-Site Environmental Conditions

- **This site is an "E" (Environmental) Designated site with the NYC Department of City Planning.**

8.1.2 Off-Site Environmental Conditions

No offsite environmental conditions were identified that were considered likely to impact the Property.

No off-site concerns were identified during the site reconnaissance or regulatory review.

8.1.3 Previously Resolved Environmental Conditions

Based on the results of this assessment, summarize historical RECs that are currently not considered an environmental concern to the Site (either on or offsite).

No historical recognized environmental conditions were identified in connection with the Property during the course of this assessment.

8.1.4 *De Minimis* Environmental Conditions

Based on the results of this assessment, summarize de minimis conditions that are currently not considered an environmental concern to the Site (either on or offsite).

No *de minimis* environmental conditions were identified in connection with the Property during the course of this assessment.

8.2 Conclusions

SEG has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-2005 of 2242-2260 Church Avenue, BROOKLYN, NY, the Property. Any exceptions to or deletions from this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- **This site is an "E" (Environmental) Designated site with the NYC Department of City Planning.**

8.3 Recommendations

Based on the findings of this ESA, SEG recommends the following:

- Due to the fact that plans are being filed with the NYC Department of Buildings to obtain work permits, it is required by the NYC Department of Planning that a Phase I Environmental Site Assessment and a Phase II Sampling Workplan be submitted to the NYC DEP for approval before any permit will be issued.

8.4 Deviations

This Phase 1 ESA substantially complies with the scope of services and ASTM 1527-05. The parking lot was snow covered during this inspection.

9.0 REFERENCES

Each reference must be adequately annotated to facilitate retrieval by another party

Reports, Plans, and Other Documents Reviewed:

NYC Department of Buildings Property Profile Overview (02-15-11)

NYC Oasis Maps (02-15-11)

Property Shark (02-15-11)

Radon Map

USGS - 7.5 Minute Topographic Quadrangle of Central Park, New York-New Jersey, 1966, photorevised 1995.

Radius database report (2242-2260 Church Avenue, Inquiry #2987346.4s dated 02-9-11)

Radon Zone Map

Agencies Contacted via FOIL Requests:

NYS DEC

NYC DEP

NYS DOH

Respectfully Submitted by:

SHEMON SINGER
EAA CERTIFIED ENVIRONMENTAL INSPECTOR
NO. 6209
February 15, 2011

FIGURES

SITE LOCATION MAP
SITE PLAN
SITE TOPOGRAPHIC MAP

APPENDIX A

SITE PHOTOGRAPHS

APPENDIX B

HISTORICAL RESEARCH DOCUMENTATION

B-1

NYC OASIS INFORMATION

APPENDIX C

REGULATORY RECORDS DOCUMENTATION

C-1

MAPPED DATABASE REPORT

C-2

GENERAL PUBLIC RECORDS

APPENDIX D

INTERVIEW RECORDS

RECORD OF COMMUNICATION		
Site Name: **2242-2260 Church Avenue**		Location**:**
Communication with: **Mayer Babav**		Of:
Location:		Phone: **917-416-2701**
Communication via: **Telephone**	Recorded By: Shemon Singer	Of: **Singer Environmental**
At: **11:30AM**		On: **February 6, 2011**
Re: **Inspection**		
Summary of Communication: **Access granted to Property**		Conclusions/Required: **Knowledgeable regarding property**

RECORD OF COMMUNICATION		
Site Name: **2242-2260 Church Avenue**		Location**: BROOKLYN**
Communication with: **NYS DEC**		Of:
Location: **Long Island City**		Phone: **718-482-4900**
Communication via: **Letter**	Recorded By: **Erica Hogan**	Of: **Singer Environmental**
At:		On**: February 9, 2011**
Re: **Hazardous conditions, fuel oil tanks, spills, etc.**		
Summary of Communication:		Conclusions/Required: **No information provided as of this writing**

RECORD OF COMMUNICATION		
Site Name: **2242-2260 Church Avenue**		Location**: BROOKLYN**
Communication with: **NYC DEP**		Of:
Location: **Corona**		Phone:
Communication via: **Letter**	Recorded By: **Erica Hogan**	Communication via: **Letter**
At:		On: **February 9, 2011**
Re: **Hazardous conditions, fuel oil tanks, spills, etc.**		
Conclusions/Required: **No information provided as of this writing**		

RECORD OF COMMUNICATION		
Site Name: **2242-2260 Church Avenue**		Location**: BROOKLYN**
Communication with: **NYC DOH**		Of:
Location: **New York**		Phone: **718-999-2441**
Communication via: **Letter**	Recorded By: **Erica Hogan**	Communication via: **Letter**
At:		On: **February 9, 2011**
Re: **Hazardous conditions, fuel oil tanks, spills, etc.**		
Conclusions/Required: **No information provided as of this writing**		

APPENDIX E

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Photograph Number 1: Subject Property

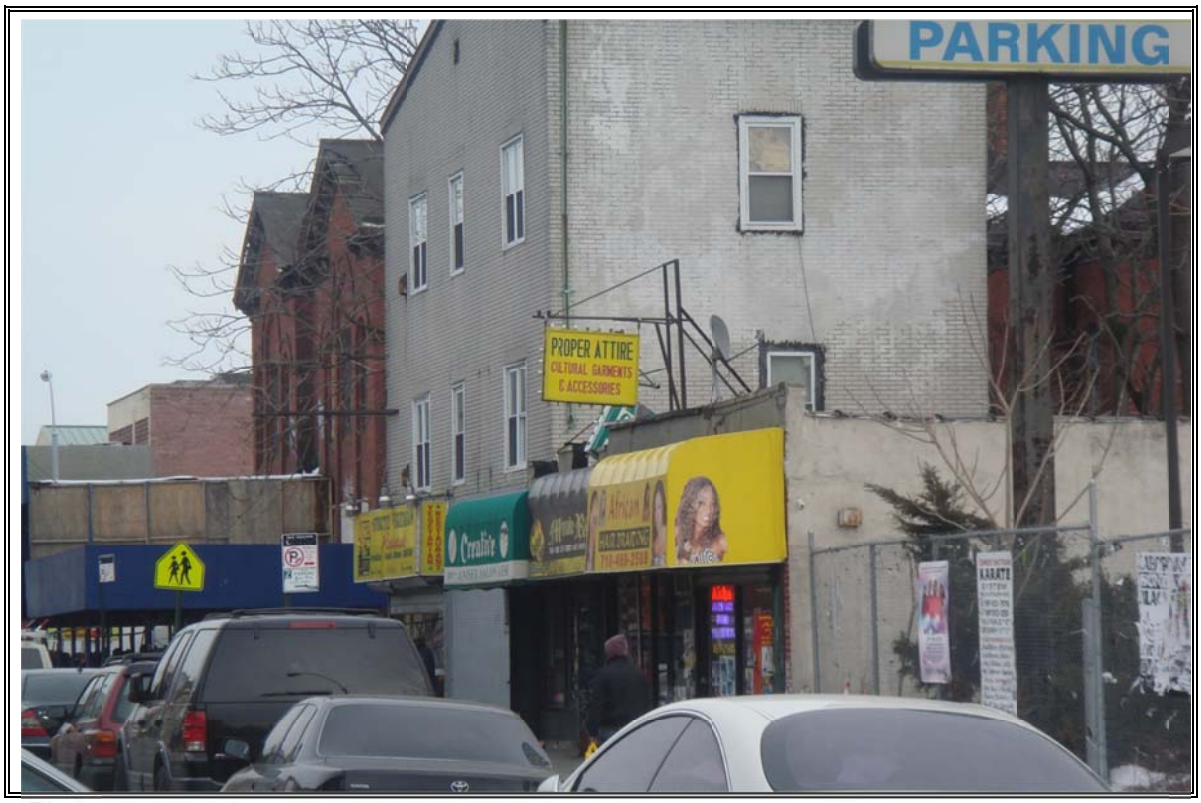
Photograph Number 2: Subject Property

Photograph Number 3: Parking Lot

Photograph Number 4: Property located to the north

Photograph Number 5: Property located to the south

Photograph Number 6: Property located to the west



Photograph Number 7: Property located to the east

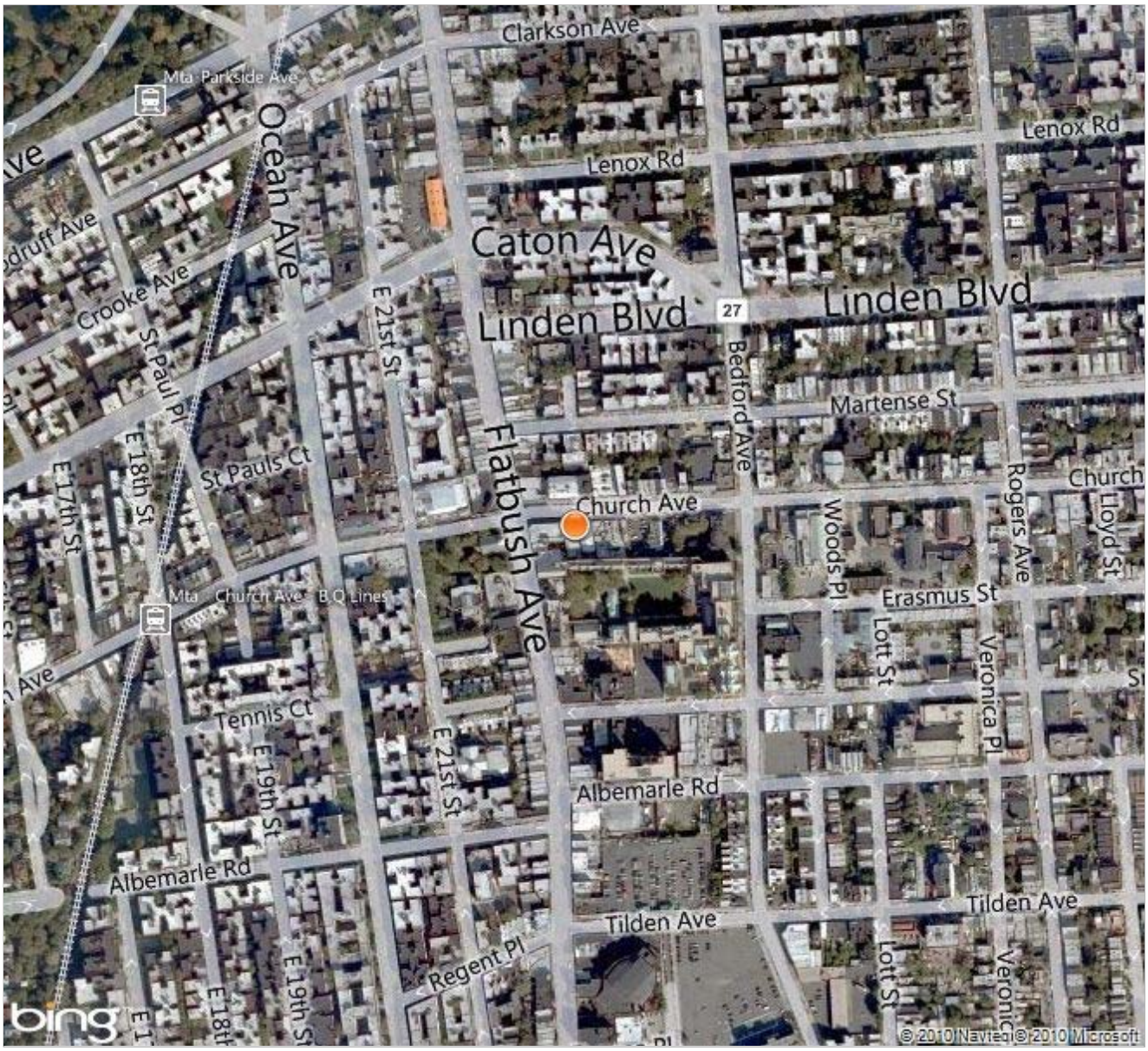
Photograph Number 8: Interior of former restaurant

Bing Maps

2244 Church Ave, Brooklyn, NY 11226-3202

My Notes

FREE! Use **Bing 411** to find movies, businesses & more: **800-BING-411**



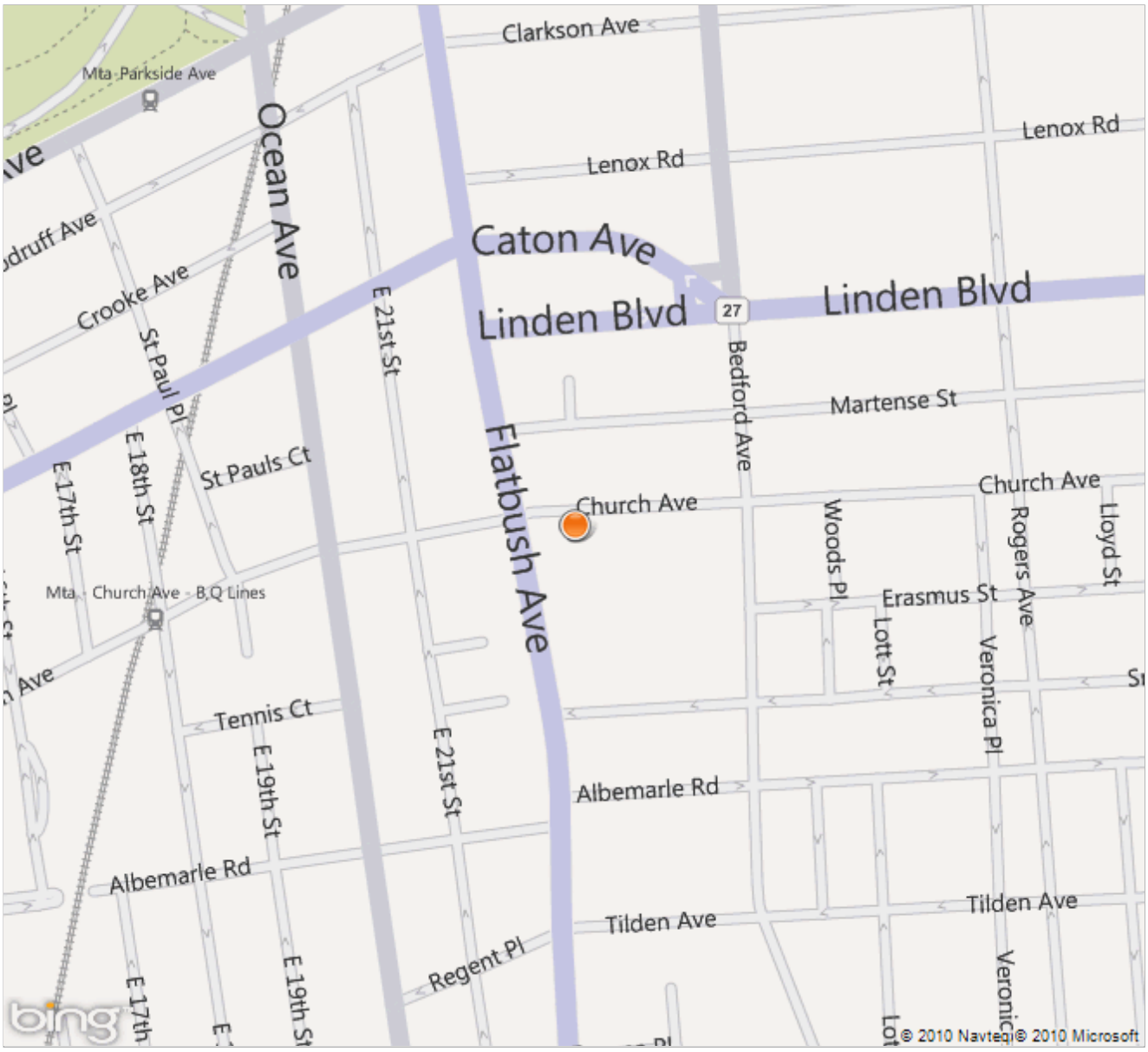
Bird's eye view maps can't be printed, so another map view has been substituted.

Bing Maps

2244 Church Ave, Brooklyn, NY 11226-3202

My Notes

FREE! Use **Bing 411** to find movies, businesses & more: **800-BING-411**



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NYC Department of Buildings

Property Profile Overview

2244 CHURCH AVENUE		**BROOKLYN 11226**		**BIN# 3117228**	
CHURCH AVENUE	2242 - 2260	**Health Area**	: 5400	**Tax Block**	: 5103
		Census Tract	: 794	**Tax Lot**	: 42
		Community Board	: 314	**Condo**	: NO
		Buildings on Lot	: 1	**Vacant**	: NO

View DCP Addresses... Browse Block

View Zoning Documents View Challenge Results View Certificates of Occupancy

Cross Street(s):	FLATBUSH AVENUE, BEDFORD AVENUE		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Little 'E' Restricted:	HAZMAT	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	3117227		

Special District: NONE

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. Click here for more information

Department of Finance Building Classification: K5-STORE BUILDING

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	3	
ARA / LAA Jobs	0	
Total Jobs	3	
Actions	43	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

- Elevator Records
- Electrical Applications
- Permits In-Process / Issued
- Illuminated Signs Annual Permits
- Plumbing Inspections
- Open Plumbing Jobs / Work Types
- Facades
- Marquee Annual Permits
- Boiler Records
- DEP Boiler Information

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

Actions

Premises: 2244 CHURCH AVENUE BROOKLYN **BIN: 3117228 Block: 5103 Lot: 42**

NUMBER	TYPE	FILE DATE
A 2953-032320	ALTERATION	00/00/1903
A 2953-051920	ALTERATION	00/00/1905
ALT 1002-012322	ALTERATION	00/00/1901
ALT 1128-020622	ALTERATION	00/00/1902
ALT 1413-020826	ALTERATION	00/00/1902
ALT 1579-030420	ALTERATION	00/00/1903
ALT 2074EXTENSION-030320	ALTERATION	00/00/1903
ALT 85122422262-032442	ALTERATION	00/00/1903
ALT 10505-081025	ALTERATION	00/00/1908
ALT 14311-080425	ALTERATION	00/00/1908

Next

Enter Action Type: Or Select from List: Select... Refresh

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NYC Department of Buildings

Actions

Page: 2

Premises: 2244 CHURCH AVENUE BROOKLYN **BIN: 3117228** **Block: 5103** **Lot: 42**

NUMBER		TYPE	FILE DATE
ALT 17781-092325		ALTERATION	00/00/1909
ALT 851-2242-62-032442		ALTERATION	00/00/1922
ALT 1002-22		ALTERATION	01/23/1922
ALTA 1579-20			00/00/1920
ALTA 1128-22			00/00/1922
ALTA 10505-25			00/00/1925
BN 1605-2252-62-101140		BUILDING NOTICE	00/00/1922
BN 7493-39DENIEDINACT		BUILDING NOTICE	10/10/1939
CC 511-2252-62-030140		CURB CUT	00/00/1922
CERT 2540A-011222	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1901

Previous Next

Enter Action Type: Or Select from List: Select... Refresh

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NYC Department of Buildings

Actions

Page: 3

Premises: 2244 CHURCH AVENUE BROOKLYN **BIN: 3117228** **Block: 5103** **Lot: 42**

NUMBER		TYPE	FILE DATE
CERT 2614A-020922	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1902
CERT 6436-092625	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1909
DEMO 27511-23-31-101631			00/00/1923
DENI EDCONTRARYTOARTSEC49ZRES			02/02/1938
ES 15971-082825		ELECTRIC SIGN	00/00/1908
ES 11843-090825		ELECTRIC SIGN	00/00/1909
ES 20017-28		ELECTRIC SIGN	11/22/1928
ES 14014-28		ELECTRIC SIGN	11/28/1928
ES 10577-29		ELECTRIC SIGN	07/08/1929
ES 7721-29		ELECTRIC SIGN	07/13/1929

Previous Next

Enter Action Type: Or Select from List: Select... Refresh

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NYC Department of Buildings

Actions

Page: 4

Premises: 2244 CHURCH AVENUE BROOKLYN **BIN: 3117228** **Block: 5103** **Lot: 42**

NUMBER	TYPE	FILE DATE
ES 6623-39	ELECTRIC SIGN	09/11/1939
LETT 14ERECTFRMBLD-012032		00/00/1901
LETT 296-31DATMEPKCANC12-1337		06/29/1931
NB 4583-37(2252-62)	NEW BUILDING	03/27/1937
NB 1219-38	NEW BUILDING	01/28/1938
NB 115SEE2240-42CHUR-010427	NEW BUILDING	00/00/1942
NBNB 24-44		00/00/1944
P &D40-010727	PLUMBING	00/00/1901
P &D2140-102927	PLUMBING	00/00/1910
P &D2166-110227	PLUMBING	00/00/1911

Previous Next

Enter Action Type: Or Select from List: Select... Refresh

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NYC Department of Buildings

Actions

Page: 5

Premises: 2244 CHURCH AVENUE BROOKLYN **BIN: 3117228** **Block: 5103** **Lot: 42**

NUMBER	TYPE	FILE DATE
P &D1547-2242-622244-06074	PLUMBING	00/00/1922
PRS 62-2258-010852	PLUMBING REPAIR SLIP	00/00/1922
SR 109-78-2248BERGER-040478	SPECIAL REPORT	00/00/1978

Previous

Enter Action Type: Or Select from List: Select... Refresh

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

FINAL ASSESSMENT ROLL 2010-2011 | City of New York

Taxable Status Date: **January 5, 2010**

EXPLANATION OF ASSESSMENT ROLL

View January 15, 2011 - Market Value History
View 2011 TENTATIVE ASSESSMENT ROLL
View May 25, 2010 - Market Value History
View 2010 TENTATIVE ASSESSMENT ROLL
View 2009 FINAL ASSESSMENT ROLL
View 2008 FINAL ASSESSMENT ROLL
View 2007 FINAL ASSESSMENT ROLL
View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:
2248 CHURCH AVENUE, LLC

Property Address and Zip Code:
2242 CHURCH AVENUE 11226

Real Estate Billing Name and Address:
2248 CHURCH AVENUE, LLC
2242 CHURCH AVENUE
BROOKLYN NY 11226

Borough: BROOKLYN
Block: 5103
Lot: 42
Tax Class: 4
Building Class: K5 Codes

Land Information

Lot Size	Irregular	Corner
171.42FT X 139.08FT	IRREG	

Building Information

Number of Buildings	Building Size	Extension	Stories
1	48.00FT X 98.00FT		1

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		823,000
ACTUAL AV	260,550	370,350
ACTUAL EX AV	0	109,800
TRANS AV	299,430	403,650
TRANS EX AV	0	104,220

Taxable/Billable Assessed Value

Assessed Value

SUBJECT TO ADJUSTMENTS, YOUR 2010/11 TAXES WILL BE BASED ON 260,550

Exemption Information

#	Code	Description	Exempt Value
1	1986-01 (47660)	ICIP IND/SPECIAL EX	109,800

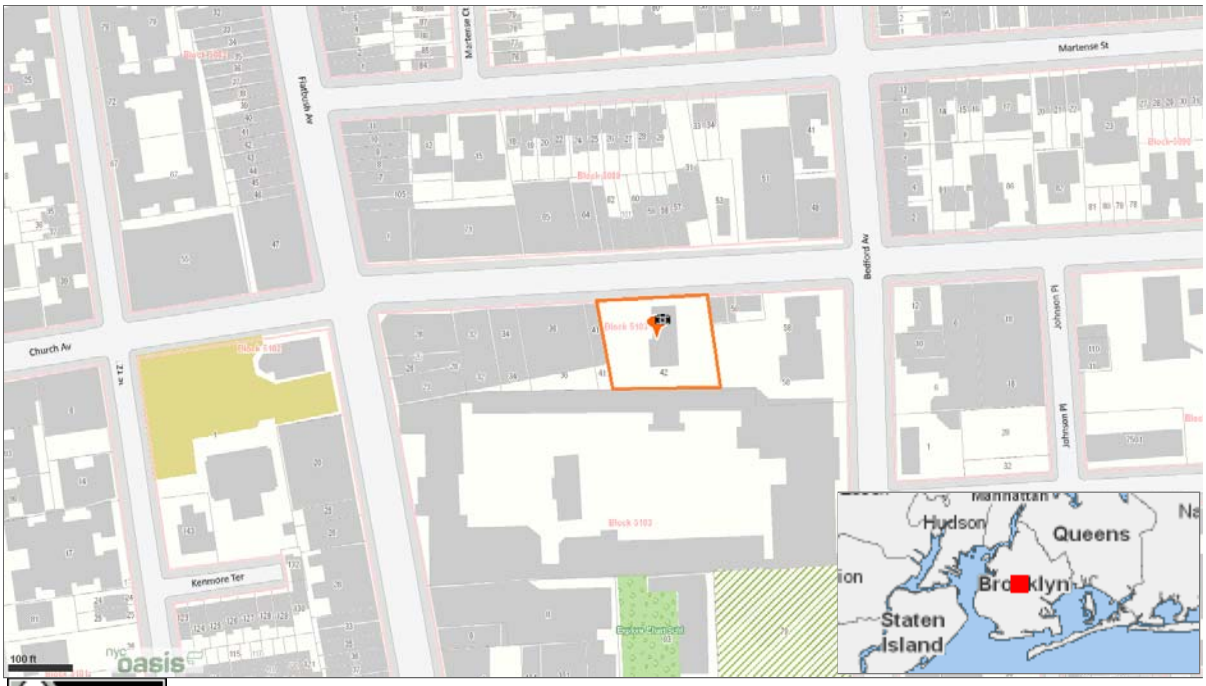
Property is assessed at the following uniform percentages of full market value, unless limited to a lesser amount by law:

Class 1 - 6% **Class 2 - 45%** **Class 3 - 45%** **Class 4 - 45%**

Statements List | Select a BBL | Logon to NYCProperty

Go To: Finance Home Page | NYC.gov Home Page | Contact NYC.gov | FAQs | Privacy Statement | Site Map

2244 CHURCH AVENUE



Transit, Roads, Refe
Roads, ferries, commu
names
- Roads
- Major Roads
- Interstate Highways
- Tunnels
- NYC subway rou

Parks, Playgrounds,
- Parks & Public I
- Forested Areas
- Community Gar
- School property
- Playgrounds
- Green Spaces A
- Golf Courses
- Baseball/Soccer
- Tennis/Basketba
- Cemeteries

Land Use
Block/Lot Boundaries
(Building footprints

(Not all items in the legend n

BY-NC-SA This map was created using the Open Accessible Space Information System (OASIS) website, licensed under a Creative Commons Attribution-Noncommercial-Share Alike 3.0 United States License. Visit www.oasisnyc.net for the latest information about data sources and notes about how the maps were developed. Contact oasisnyc@gc.cuny.edu with questions or comments. OASIS is developed and maintained by the Center for Urban Research, CUNY Graduate Center.

Location Report

Property Information (1)

2242 CHURCH AVENUE, BROOKLYN 11226

Commercial / Office Building

Owner: 2248 CHURCH AVENUE, L
Block: 5103 **Lot:** 42
Property Characteristics:
Lot Area: 23,153 sq ft (171.42' x 139.08')
# of Buildings: 1 **Year built:** 1993
# of floors: 1 **Building Area:** 4,772 sq ft
Total Units: 1 **Residential Units:** 0
Zoning: C4-4A **Commercial Overlay:** None
Floor Area Ratio: 0.21 **Max. FAR:** 4
FAR may depend on street widths or other characteristics. Contact City Planning Dept. for latest information.

MORE INFO:

- **Zoning Map#:** 16d
- NYC Dept. of Buildings
- Property transaction records
- NYC Dept. of Finance Assessment Roll
- NYC Digital Tax Map
- NYC zoning guide
- NYC Watershed Resources

OASIS shortcut to this property:
http://www.oasisnyc.net/printmap.aspx?zoomto=lot:3051030042
Source: The Bytes of the Big Apple (TM) PLUTO (TM) and Tax Block & Tax Lot files are copyrighted by the New York City Department of City Planning, 2010 (ver. 10v1).

YAHOO! Local search results for this address:

Know of something that's missing? Add it to YAHOO!

Community District (1)

Brooklyn 14 Community District Information
Chairperson: Mr. Alvin M. Berk
District Manager: Ms. Doris Ortiz
Address: 810 East 16th Street, Brooklyn, NY, 11212
Phone: 718-859-6357 **Email:** bklcb14@optonline.net
Website:
Meeting Information:
Go to District Profile by NYC Dept. of City Planning

Political Districts (5)

NYC Council: District 40
NYS Assembly: District 42
NYS Senate: District 21
US House of Representatives: District 11
US Senate: New York

2242 Church Ave, Brooklyn, NY 11226

A1 User Notes

No notes found.

A2 Photos

Photo by Nicholas Strini
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1/24/2007

Photo by NYC DoF

Upload photos for this property

Other Photos: Google StreetView • Microsoft Bird's Eye View

A3 Overview

Location	
Primary address	2242 Church Ave
Zip	11226
Borough	Brooklyn
Block & lot	05103-0042
First 3 alt addresses	2242-2260 Church Ave
Neighborhood	
School district	17 map/schools
Community board	14
Neighborhood	Flatbush, Ocean Parkway, Midwood

Square Feet	
Building SF	4,772
Retail SF	4,772
Lot SF	23,153
Ratio of Building SF to Lot SF (FAR)	
FAR as built	Subscribe Now!
Max allowed FAR	Subscribe Now!
SF under FAR	Subscribe Now!
SF over FAR	Subscribe Now!
Usable floor area	Subscribe Now!

City council	40 map
Census tract	0794.00
Nearest	
Police precinct	70 web site/crime stats
Police station	421 Empire Blvd
Distance to	1.06 Miles
Fire station	491 Rogers Ave
Distance to	0.70 Miles
Property Tax Assessment	
Actual land	$309,150
Assessment	$399,150
Tax class	4
Annual tax bill	$32,231
Annual tax bill projected	$27,164
Property Maps	
Zoning map	16d
Tax map	31602
Sanborn map	310 006
Link to zoning map	Click here
Link to tax map	Click here
Most Recent Sale	
Sale date	10/8/2009
Sale price	$0

Maximum usable floor area	Subscribe Now!
Building	
Bldg dimensions	48 ft x 98 ft
Stories	1
Res units	n/a
Commercial units	1
Has extension	No
Has garage	No
Year built	1993
Year last altered	n/a
Lot	
Lot dimensions	171.42 ft x 139.08 ft
Corner lot	No
Buildings on lot	1
Zoning, Use & C-of-O	
C-of-O	Click here
Zoning district	Subscribe Now!
2nd zoning district	Subscribe Now!
Building class	Diners, Franchised Type Stand (K5)
E-Designation	E-233
Historic district	None
Hazards & Environment	
Toxic site on this property	Yes
Neighboring toxic sites	No
Current Owner	
Name	2248 Church Avenue, LLC
Address	2242 Church Ave
City state zip	Brooklyn NY 11226

A4 Building Summary

Subscribe and Get More!

Subscribe now to get access to manually researched data on building facilities & amenities.

A5 Commercial For Lease

CPEX Real Estate

Eric G. Altschul
Send Email
Office: 718-687-4213

Ryan P. Condren
Send Email
Office: 718-687-4212

Timothy D. King
Send Email

Personal: 917-338-5464

Total Sqft 13,824

Description Retail space for lease. Ground 13824 SF and second floor 20000 SF. Area recently upzoned for more retail growth. New construction; largest retail development in area. One of the busiest intersections in Brooklyn.

#	Space Type	Asking Rent	Sqft	Floor	Listing Age	Description
1	Retail	Upon Request	13,824	Ground	90 days	N/A

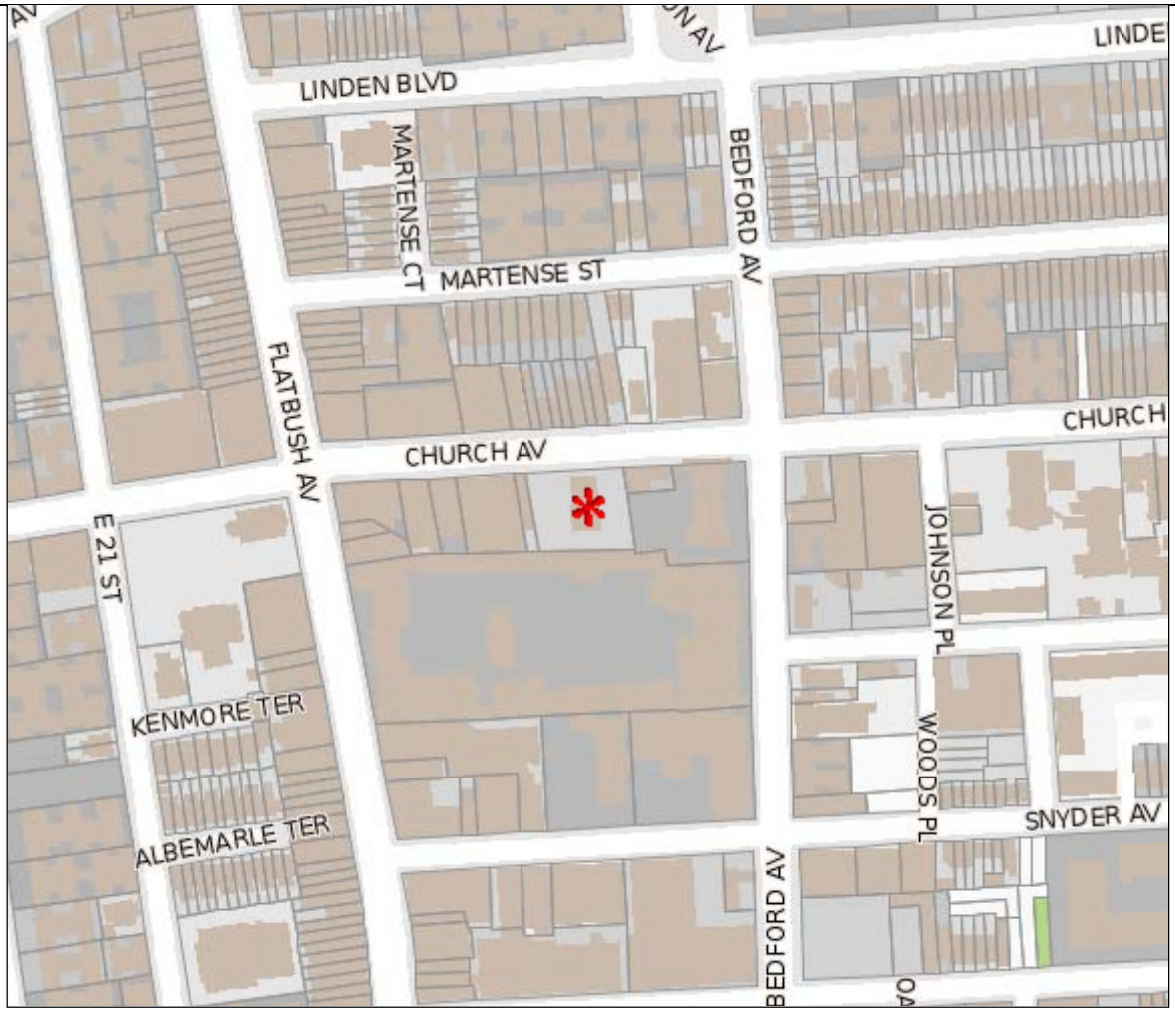
Click on the map to expand!

Retail Store Fronts

The map shows retail store fronts of neighboring properties. Click on the map to see commercial for lease properties in this area.

- Store Buildings
- Residentials with Store(s)
- With Store Front or Office

A6 Map



Click on the map to expand!
Link to Google Maps

A8 Sale & Property History

Property History

Event	Amount	Date
Deed Transfer recorded	n/a	10/8/2009
Deed Transfer recorded	$1,090,000	8/1/2009
Deed Transfer recorded	n/a	7/6/2009
Deed Transfer recorded	$333,250	4/6/2005
Deed Transfer recorded	n/a	11/30/1982
Deed Transfer recorded	n/a	11/27/1979
Deed Transfer recorded	n/a	11/5/1979
Deed Transfer recorded	n/a	10/6/1977
Deed Transfer recorded	n/a	8/13/1975
Deed Transfer recorded	n/a	7/12/1972

B1 Ownership Summary

Loading ny/nyc/ownership_summary

B2 Phone Records - Tenants

Download in Excel format

No phone listings were found.

C2 Title Documents

Subscribers to our Property Reports service can link directly to title documents in ACRIS!

To link to ACRIS documents you will need to do the following ***once per session***:

1. Click on the "See it" link for one of the documents below. This ***will open a new window*** and take you to an ACRIS info page on the NYC DoF website.
2. On the ACRIS info page, find the link titled "Begin using ACRIS" and click it. This ***will open another new window***. Minimize this window but do not close it. This keeps an ACRIS session running on your computer.
3. In the original PropertyShark.com window, you can now click on any of the "See it" links for any NYC property and be taken directly to the corresponding ACRIS document.

Records go back to about 1966. See the different types of NYC title documents!

Recorded	Document Date	Type	Amount	Party1 name	Party2 name
11/9/2009	10/8/2009	Deed	$0	The Wendy Ull 2007 Investment Trust	2248 Church Avenue, LLC
9/23/2009	8/1/2009	Deed	$1,090,000	ULL, WENDY	The Wendy Ull 2007 Investment Trust UTAD
7/16/2009	7/6/2009	Deed	$0	ULL, JEFFREY ULL, RICHARD ULL, JENNIFER	ULL, WENDY
10/19/2005	5/4/1992	Satisfaction Of Mortgage	$0	Air & Tract Limo Services, Inc.	Malamuth, Eleanor
10/19/2005	4/30/1992	Satisfaction Of Mortgage	$0	Air & Tract Limo Service, Inc.	Ornstil, Dorothy
10/19/2005	5/5/1992	Satisfaction Of Mortgage	$0	Air & Tract Limo Service, Inc.	Braver, Gerald
10/19/2005	5/5/1992	Satisfaction Of Mortgage	$0	Air & Tract Limo Service, Inc.	Braver, Gary
10/19/2005	5/5/1992	Satisfaction Of Mortgage	$0	Air & Tract Limo Service, Inc.	Braver, Janet

Page 1 of 3 / Show all Next records

D1 Valuation Model

Our database has 6 properties that meet the following criteria:

- Sold within the last 6 months
- In the 11226 zip code
- Property class K
- Sale price over $25,000

Comparables Tool

- Pick your own criteria
- See detail on every sale

Click here!

The median price of these properties is $73,123,491 (half of these properties sold for higher prices, half sold for lower prices). 20% of the properties sold for $1,716,666 or less, and 20% sold for $73,123,491 or more.

20% 80%

$1,716,666 $73,123,491 $73,123,491

Subscribe and Get More!

If you subscribe to Comparables you'll get to see:

- The entire list of properties
- Sale date & price, square footage, and price per square foot for each property
- Our quick-and-dirty value calculation

Click here to learn more and subscribe.

D2 Property Income and Expenses

Owners of income-producing properties that have an actual assessed value of more than $40,000 are required to file annual Real Property Income and Expense (RPIE) statements with the Department of Finance(DOF). The DOF uses the information from these statements, or data from comparables, to estimate the market value of a property for tax purposes.

Type	Rental	**Reporting period**	from:01/01/2008 to:12/31/2008
Property		**Building**	
Lot SF	23153	**Retail SF**	4772
Height	12	**Commercial SF**	4772
		Total SF	4772

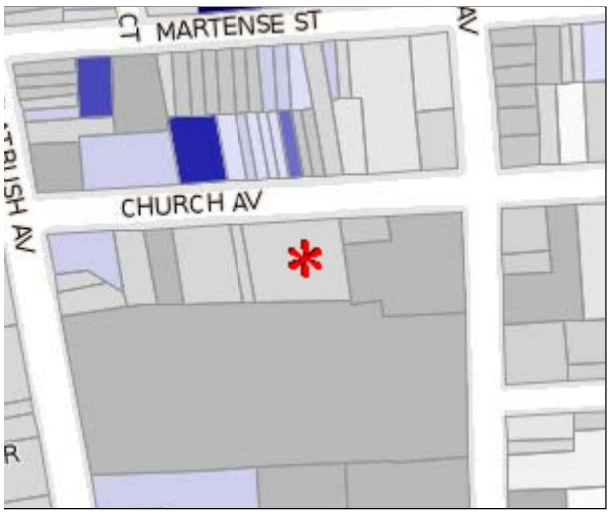
PropertyShark obtains its records from the DOF and updates them bi-annually.

D3 Building Rental Income and Expenses

Reporting period from:01/01/2008 to:12/31/2008

Income		Expenses	
Regulated apartment income	$0	**Fuel**	$0
Unregulated apartment income	$0	**Lighting**	$0
Office income	$0	**Cleaning**	$0
Retail income	$5,200	**Wages**	$0
Loft income	$0	**Repair & maintenance**	$3,650
Factory income	$0	**Management**	$0
Warehouse income	$0	**Insurance**	$0
Storage income	$0	**Water & sewer**	$1,313
Garage income	$0	**Advertising**	$0
Owner occupied income	$0	**Decorating**	$0
Operating escalation income	$0	**Improvement expense 1**	$0
RE tax escalation income	$31,660	**Improvement expense 2**	$0
Sale of utility services income	$0	**Miscellaneous expenses 1**	$1,785
Sale of other services income	$0	**Miscellaneous expenses 2**	$0
Government rent subsidies income	$0	**Miscellaneous expenses 3**	$0
Billboard income	$0	**Before tax net**	$0
Cell tower income	$0	**After tax net**	$0
Other income 1	$0		
Other income 2	$0	**Total expenses**	$6,748
Other income 3	$0		
Total rental income	$36,860		

D4 Sales & Values Maps



Click on the map to expand!

Recent Sale Date: **n/a**

The map shows sales of neighboring properties. Find out how recent the property has been sold. For Condos and Coops the value is not reflective.

Legend

- second half of 2010
- first half of 2010
- second half of 2009
- first half of 2009
- second half of 2008
- first half of 2008
- 2006 - 2007
- < 2006

Sale Date

Time Since Last Recorded Sale	n/a

Click on the map to expand!

Price per SqFt: **$0**

On this color-coded map, view the price paid per square foot for the last sale of the property. For Condos and Coops the value is not reflective.

Legend

- Below $100
- $100 - $250
- $250 - $400
- $400 - $550
- $550 - $700
- $700 - $850
- $850 - $1000
- Above $1000
- Condos
- Coops

Sale Price	$0
Lot Square Foot	23,153 SqFt
Price per SqFt	$0

E1 Property Tax

	09/10 Final	10/11 Tentative
	The property tax assessment process starts when the city's assessors determine the *market value* of your property. Despite the name, this value has little to do with what someone would actually pay for your property. In some neighborhoods the *market values* are close to actual property values. In others they can be as little as 5% of true values. Even within neighborhoods there can be wide variations.	
Market Value	$887,000	$823,000
	Property tax is only levied on a portion of the *market value*. This portion is called the *assessed value*. For 1-3 family homes and 1-3 story condos, taxes are levied on 6% of the *market value*. For all other properties, taxes are levied on 45% of the value. Sometimes the city will exempt part of the assessed value from taxation for a certain number of years. Usually these exemptions are granted as an incentive to make improvements to an existing structure or to build on a vacant lot. Larger incentives are granted in development zones. For rental property the incentives are usually tied to rent stabilization.	
Market Value	$887,000	$823,000
Assessment Ratio	x 0.45	x 0.45
City's Assessed Value	= $399,150	= $370,350
Exemptions Granted by the City	- $90,000	- $109,800
City's Net Assessed Value	= $309,150	= $260,550
	While the city's assessors have noted the rapid appreciation of property in New York City, the state understands that it would be burdensome for property taxes to rise too fast. Therefore, increases in the *assessed value* are phased in over a number of years. This introduces the *transitional assessed value*, which is limit on the portion of the assessed value which has been introduced into the tax base. Unfortunately, when the *assessed value* is phased in, sometimes the *exemptions* are as well.	
Transitional Assessed Value	$413,100	$403,650
Transitional Exemption Value	- $103,950	- $104,220
Transitional Net Assessed Value	= $309,150	= $299,430

The *taxable value* is the smaller of the *city's net assessed value* and the *transitional net assessed value*.

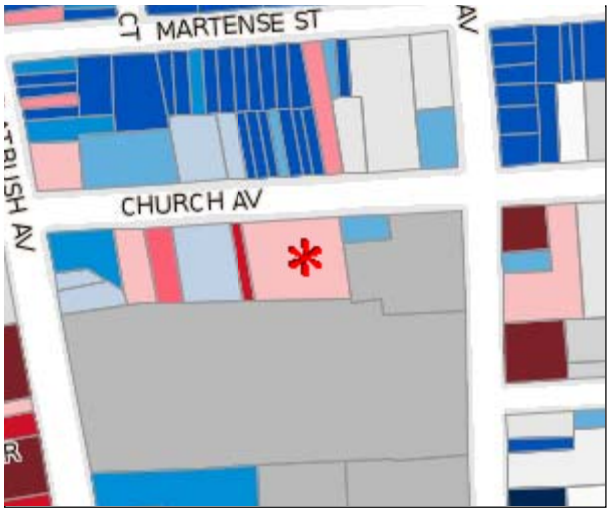
Taxable Value	$309,150	$260,550

The *property tax* is determined by multiplying the assessed value by the tax rate. The tax rate is different for different types of buildings.
In addition to exemptions, the city also grants *tax abatements* to some properties. An *abatement* is simply a discount — it is subtracted directly from the *annual tax bill*.

Taxable Value	$309,150	$260,550
Tax Rate	x 0.10426	x 0.10426 *
Tax before Tax Abatements	= $32,231	= $27,164
Tax Abatements	- $0	- $0
Annual Tax Bill	= $32,231	= $27,164

* The current year's tax rate has been applied to the Tentative Assessment since the new tax rates will not be set until later this year.

This web site is not an authoritative source for property tax information. The computer program that generates this analysis was only validated in an informal manner using a small sample of properties. The analysis presented for this property may be incorrect, and you should validate it independently if you will rely on it. The only authoritative source is the New York City Department of Finance (DOF). You can visit the property tax section of its web site here.
The analysis presented here is based on assessment data from a point in time. The DOF periodically revises assessments. If the assessment for this property is raised, the tax bill will almost certainly rise as well. Some raises are phased in (transitioned) slowly, others are not. From time to time the city raises tax rates, which also raises tax bills.



Click on the map to expand!

On this map, view the tax value paid per square foot for this property.

Legend

Above 10.00	4.00 - 5.00
9.00 - 10.00	3.00 - 4.00
8.00 - 9.00	2.00 - 3.00
7.00 - 8.00	1.00 - 2.00
6.00 - 7.00	Below 1.00
5.00 - 6.00	

Annual Tax Bill	$27,164
Tax Year	2009
Square Foot	4,772 SqFt
Tax per SqFt	$5.69

E2 Exemptions

The Department of Finance (DOF) issues exemptions bi-annually every fiscal year (7/1 - 6/30). Tentative exemptions are issued at the beginning of the fiscal year and are subject to adjustment if the DOF learns of changes in eligibility criteria. The Final exemptions are issued at the end of the fiscal year and will reflect any changes in exemption totals. Increases in assessed value of all class 4 properties and coops, condos, and rental buildings with more than 10 units in class 2 must be phased-in over a 5 year period. The transitional assessed value represents the interim value and any changes occurring during this phase-in period.

Current Values		Tentative Change Exemption Values	
Transitional land	$309,150	**Tentative exempt land**	$0
Transitional total	$413,100	**Tentative exempt total**	$104,220
Actual land	$309,150	**Tentative actual exempt land**	$0
Assessment	$399,150	**Tentative actual exempt total**	$109,800
Exemption Values		**Final Change Values**	
Exempt land	$0	**Final tentative transitional land**	$299,430
Exempt total	$103,950	**Final tentative transitional total**	$403,650
Actual exempt land	$0	**Final tentative actual land**	$260,550
Actual exempt total	$90,000	**Final tentative actual total**	$370,350

Tentative Change Values		Final Change for Exemption Values	
Tentative transitional land	$299,430	**Final tentative transitional exempt land**	$0
Tentative transitional total	$403,650	**Final tentative transitional exempt total**	$104,220
Tentative actual land	$260,550	**Final tentative actual exempt change land**	$0
Tentative actual total	$370,350	**Final tentative actual exempt change total**	$109,800

Sequence	Exemption code	Exemption description
1	47660	ICIP Reg Comm Ex

Exemption Code: A five-digit identification number used for designating each specific exemption type. The first of the five digits can have a value of 1, 2, 3, or 4, and these values can be interpreted as follows:
1. Public owner, exemption not limited by State law in amount, duration, or tax purpose.
2. Private owner, exemption not limited by State law in amount, duration, or tax purpose.
3. Public owner, exemption limited by State law in amount, duration, or tax purpose.
4. Private owner, exemption limited by State law in amount, duration, or tax purpose.

The second, third, and fourth digits are read together and constitute a unique code for each exemption statute. The fifth digit, which can have a value ranging from zero to 6, identifies the tax purposes for which the exemption is granted and it can be interpreted as follows:
0. Exempt for county, city/town, and school purposes.
1. Exempt for county, and city/town purposes.
2. Exempt for county purposes.
3. Exempt for city/town purposes.
4. Exempt for school purposes.
5. Exempt for county and school purposes.
6. Exempt for city/town and school purposes.

_. (Underline) More than one entry possible (local-option exemptions).

PropertyShark obtains its records from the DOF and updates them bi-annually.

E3 Historical Assessed Value

Please note: This section is new and is being tested. In the future it might not be included in the basic property reports subscription. Rather, it may be part of a separate subscription combining this section and other more detailed information about property taxes, exemptions, and abatements.

Year	Building Change	Building Value	Land Change	Land Value	Remis		Total
09/010	- $7,200	$90,000	$0	$309,150	$0	=	$399,150
08/09	- $11,250	$97,200	$0	$309,150	$0	=	$406,350
07/08	- $7,200	$108,450	$0	$309,150	$0	=	$417,600
06/07	$7,200	$115,650	$0	$309,150	$0	=	$424,800
05/06	$51,300	$108,450	$0	$309,150	$0	=	$417,600
86/87	$10,000	$57,150	$10,000	$309,150	$0	=	$366,300
86/87	$10,000	$57,150	$10,000	$299,150	$0	=	$356,300
86/87	$10,000	$47,150	$10,000	$289,150	$0	=	$326,300
86/87	$10,000	$37,150	$10,000	$279,150	$0	=	$306,300
86/87	$10,000	$27,150	$10,000	$269,150	$0	=	$286,300
86/87	$10,000	$17,150	$10,000	$259,150	$0	=	$266,300
86/87	$10,000	$7,150	$10,000	$249,150	$0	=	$246,300
86/87	$10,000	- $2,850	$10,000	$239,150	$0	=	$226,300
86/87	$10,000	- $12,850	$10,000	$229,150	$0	=	$206,300
86/87	$10,000	- $22,850	$10,000	$219,150	$0	=	$186,300
86/87	$10,000	- $32,850	$10,000	$209,150	$0	=	$166,300
86/87	$10,000	- $42,850	$10,000	$199,150	$0	=	$146,300
86/87	$10,000	- $52,850	$10,000	$189,150	$0	=	$126,300
86/87	$10,000	- $62,850	$10,000	$179,150	$0	=	$106,300
86/87	$10,000	- $72,850	$10,000	$169,150	$0	=	$86,300
86/87	$10,000	- $82,850	$10,000	$159,150	$0	=	$66,300
86/87	$10,000	- $92,850	$10,000	$149,150	$0	=	$46,300

F1 Zoning and Building Class

Accounts are free, but the Zoning and Building Class map is only available to people subscribed to reports.
Subscribe Now!

F2 Floor Area Ratio & Air Rights

Accounts are free, but the Floor Area Ratio and Air Rights maps are only available to people subscribed to reports.
Subscribe Now!

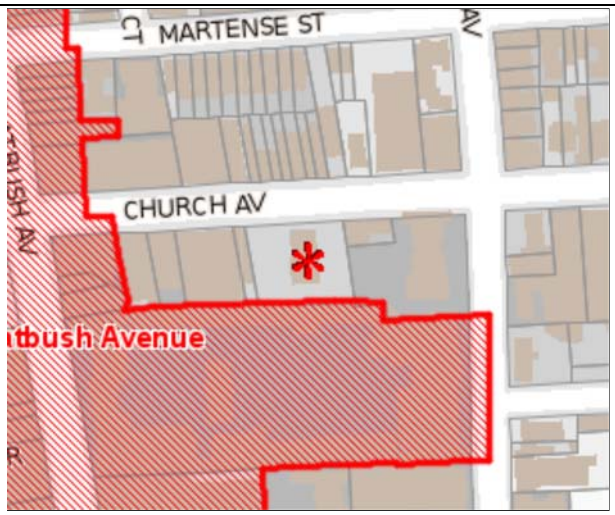
F3 Economic and Development Incentives

Properties and businesses within NYC qualify for a number of city, state and federal economic and development incentives based on factors such as location, business type, investment, renovation, new construction, increased employment, and other factors. This section shows you for which programs this particular building may qualify.

Program	Qualifies?	More Information
CRP	No	NYC EDC
CRT	No	NYC EDC
ICIP	No	NYC EDC
LMREAP	No	NYC EDC
Sales tax savings	No	NYC EDC
Empowerment Zone	No	NYC EDC
Industrial Business Zone	No	NYC GOV
Ombudsmen Areas	No	NYC GOV

Need help with the **Programs** names? Please look at our **Incentives** FAQ section.
It explains what each of these programs means!

F4 Business Improvement Districts



Click on the map to expand!

This property is not inside a business improvement district.

F5 Building Permits

Found 5 permits on 8 jobs.

Filed	Cost	Permits Filed	Work Types
Job #310297602			
	A3		

Description: Bpp filed to show 171 lin. feet. this application is filed in conjuction with new building 310217039

Job #310217039

NB

Description: Erect new building.

Job #300292788

9/2/1993 A2 $1,000 EW-MH

Description: Filing to obtain equipment use permit fo r refrigeration equipment on ro f. no work to be done, installation prev iously filed under n.b. 68/86. no change in use, egress or occupancy.

Job #300226057

1/25/1993 SG $1,000 SG-

Description: Erect illluminated sign replaces es112/8 6 ilb 12' 3' white castle .

Job #300226048

1/25/1993 SG $3,000 SG-

Description: Erect illuminated sign on existing pole es111/86-ibl 12'---8' white cast le.

Job #300226039

1/25/1993 SG $1,000 SG-

Description: Erect illuminated sign -replaces es 113/ 86-ibl___13' 2' white castle

Job #300222122

12/31/1992 PA

Description: ** Post appoval amendment **

Job #300171114

5/5/1992 A2 $117,000 EW-FP

Description: This application is for fire suppression only. gas valve filed under nb6 /86

Please note: the NYC Department of Buildings is the only authoritative source for information on building permits. Please consult the Building Information System on the DOB web site.

F6 DOB Actions

No records found.
For more information please consult the DOB web site.

F7 Construction

When applying for a building permit, a building owner must fill out a lengthy form identifying any conditions that require additional paperwork or that make specialized laws or regulations relevant. As an example, if asbestos is present on a job site, then elaborate, costly, time-consuming, and tedious procedures must be followed.
The following is a list of site conditions found on the building permit applications and the most recent responses given.
No records found.

Location & Jurisdiction

Physical Characteristics

Use & Occupancy

G1 HPD Violations

When excessive violations are present, this can adversely affect the support given by The NYC Department of Housing Preservation and Development (HPD). These violations can result in building-wide inspections, fees, and the requirement of extensive repair work to correct underlying conditions. In some cases, outstanding violations may result in a lien being placed on the property. It is also substantially more difficult to mortgage a building with extensive violations.

Click on the map to expand!

Sorry, for this property we don't have any information about open violations.

HPD Violations

On this color-coded map, view all properties with open violations that have been left uncorrected.

Legend

Uncorrected Violation(s)

25 Total number of violations

Open **A** class violations: **0**
Open **B** class violations: **0**
Open **C** class violations: **0**
Open **I** class violations: **0**
Number of units:

Description of the Classes
Sorry, no records were found!
Please note: the NYC HPD is the only authoritative source for information on housing violations. Please consult the HPD web site for up-to-date violations.
PropertyShark obtains its records from HPD and updates them monthly.

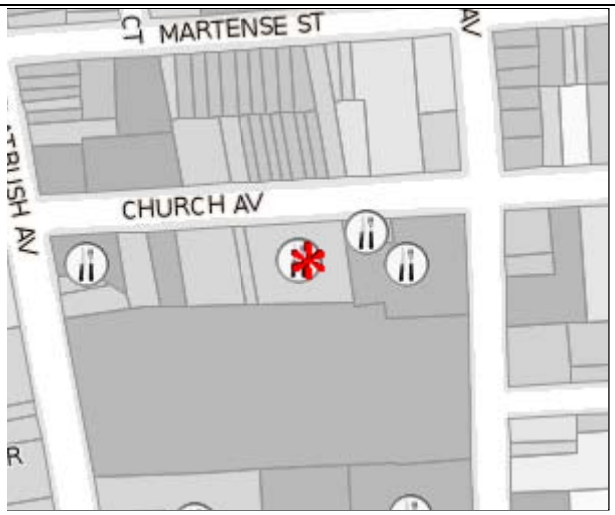
G2 ECB Violations

There are eleven city agencies that administer the City's quality-of-life laws and issue Notices of Violation (NOVs) for alleged violations. The ECB is a separate and independent agency that hears challenges to those NOVs. The agencies that issue the most violations for real estate are:

- Department of Buildings (DOB)
- Department of Environmental Protection (DEP)
- Fire Department
- Landmarks Preservation Commission (LPC)
- Department of Sanitation

PropertyShark obtains its ECB NOV records from the DOB and updates them nightly. Records go back to 1988
No records found.
For more information about the ECB and the types of NOVs that it handles, visit its home page or this page with a list of rules, laws and agencies.

G3 Restaurant Inspections



Click on the map to expand!

On this map, view the food establishments violations between Jan. 2009 and May 2010.
In the table below, view violations history, since Jan. 2006, if available.

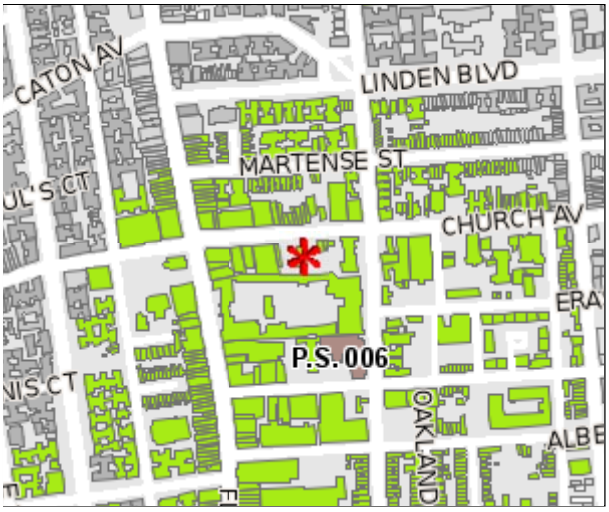
H1 Distance To

Distance to Elementary Schools

On this map, view the distance between the closest Elementary School and this property.
Legend

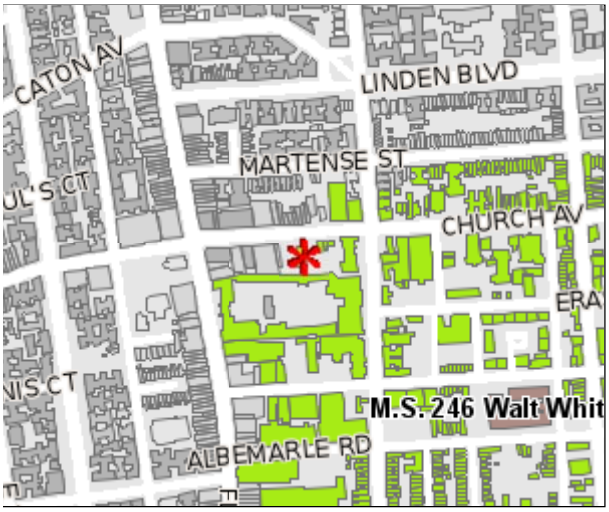
Elementary School
Inside 1000 ft *
* distances are calculated as radius from Elementary School

Distance (feet): 320.41



Click on the map to expand!

Location name	Location category description
P.S. 006	Elementary



Click on the map to expand!

Distance to Junior High

On this map, view the distance between the closest Junior High School and this property.

Legend

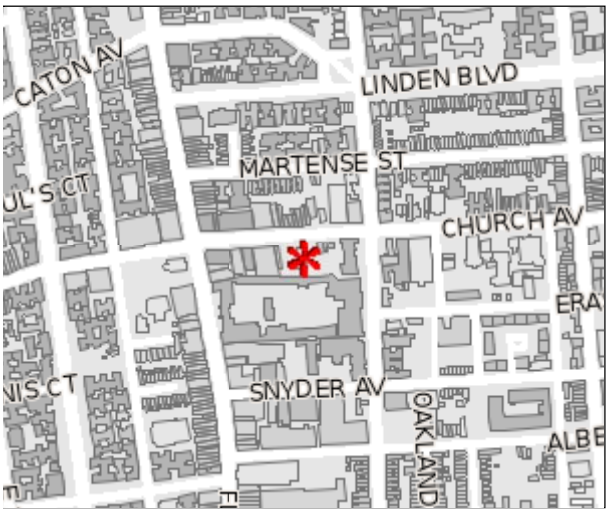
Junior High School

Inside 1000 ft *

* distances are calculated as radius from Junior High School

Distance (feet): 994.82

Location name	Location category description
M.S. 246 Walt Whitman	Junior High-Intermediate-Middle
Fahari Academy Charter School	Junior High-Intermediate-Middle



Click on the map to expand!

Distance to High School

On this map, view the distance between the closest High School and this property.

Legend

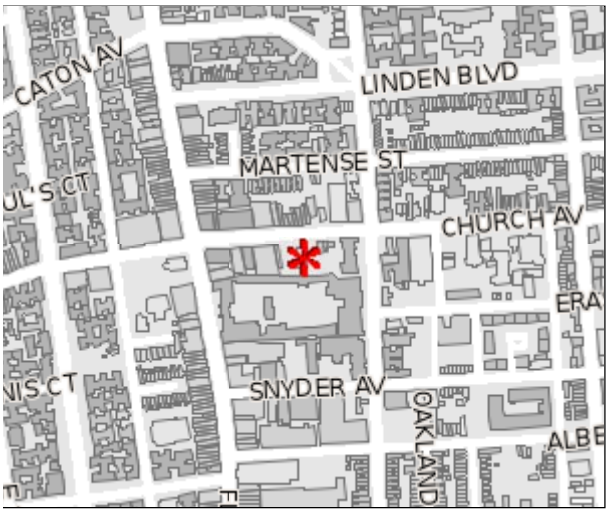
High School

Inside 1000 ft *

* distances are calculated as radius from High School

Distance (feet): n/a

Building is not inside a 1000ft radius from the nearest High School.



Click on the map to expand!

Distance to University

On this map, view the distance between the closest University and this property.

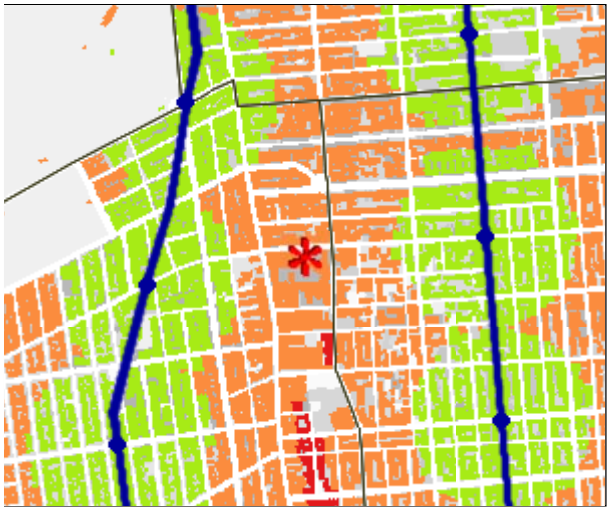
Legend

University / College

Inside 1000 ft *

* distances are calculated as radius from University/College

Name:	n/a
Distance (feet):	n/a



Click on the map to expand!

Subway accessibility

On this color-coded map, view the nearest and the next nearest subway station for each building.

Nearest subway station

Sname1	Church Ave
Station1	Church Av (B*Q)
Distance1	1784

Next nearest subway station

Sname2	Church Ave
Station2	Church Av (2*5)
Distance2	2039

Legend

Subway & SIR Station

Subway & SIR Lines

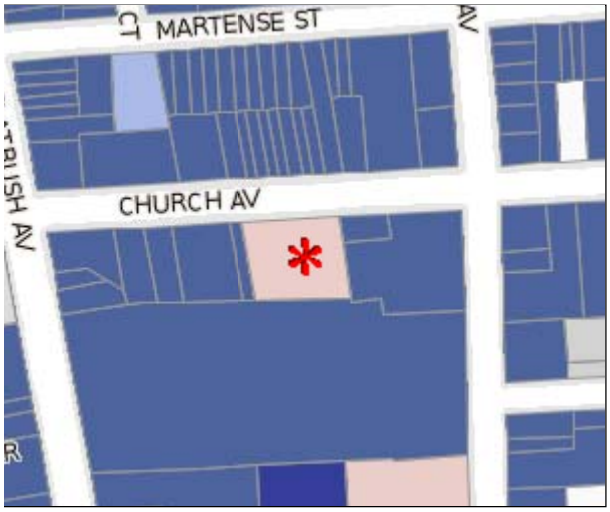
Inside 1000 ft *

Inside 2000 ft *

Inside 3000 ft *

* distances are calculated as radius from station

H2 Urban Landscape Maps



Click on the map to expand!

Year Built: **1993**

Year Built

On this color-coded map, view the year each property was built.

Legend

- 2010 and later
- 2000 - 2009
- 1990 - 1999
- 1970 - 1989
- 1950 - 1969
- 1900 - 1949
- 1900 and earlier

Click on the map to expand!

Number of Stories: **1**

Building Stories

On this map, view the number of stories per building.

Legend

- 10 & Up Stories
- 7 to 9 Stories
- 5 & 6 Stories
- 4 Stories
- 3 Stories
- 2 Stories
- 1 Story

H3 Neighbors

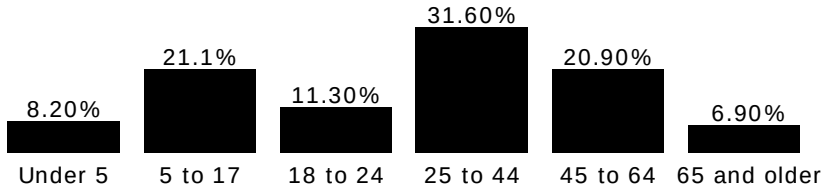
Link to address	Property class local	Gross sqft	Sale date	Sale price
2200-2214 Church Ave	O9	30196	2007-06-28	9857773
2216-2220 Church Ave	K9	11200	1990-02-13	0
2222-2226 Church Ave	W1	12204	1970-01-09	0
2228-2238 Church Ave	K1	13300	1996-09-24	0
2240 Church Ave	K2	3800	1992-11-04	0
2262-2264 Church Ave	S9	3200	2007-05-21	0
2266 Church Ave	S9	3200	2007-05-21	0
2268-2272 Church Ave	S9	3200	2007-05-21	0
2402-2408 Church Ave	G5	1250	1987-02-20	0
2412-2414 Church Ave	W9	9650	2009-02-20	0

H4 Demographics By Zip

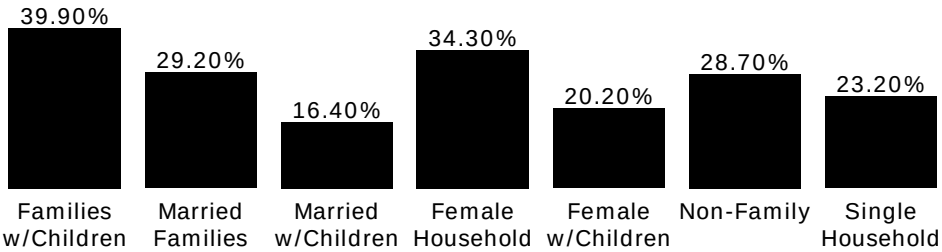
Profile of Zip Code 11226

2000 Population	106154	
Female Pop.	58674	(55.3%)
Male Pop.	47480	(44.7%)
Households	37132	(96.1% occupied)
Home Owners	3826	(10.3%)
Renters	31858	(85.8%)
Population Density	999.99	
Area size (sq. miles)	1.33	
Household size (avg)	3.00	

Age Distribution



Household Type



Note: totals often exceed 100% for household type because respondents may choose multiple categories.

I1 Toxic Sites

Accounts are free, but the Toxic Sites map is only available to people subscribed to reports.
Subscribe Now!
Call **800-2-TOXICS** *(800-286-9427 NYS only)* or **607-273-3391** for more info.

I2 Fema Flood Zones Map

To understand flood zoning within the current neighborhood you can review the full map by clicking on this 'minimap'. Flood zoning codes, Fema map panel, and publication date all can be extracted for this target property.

Click on the map to expand!
Find out more about: FEMA Flood Hazard Map
Note: This map was constructed using Fema Flood DFIRM data set.

Legend

Moderate to Low Risk Areas
- X < 1% ACF
- 0.2 PCT ACFH * < 1% ACF

High Risk Areas
- A 1% ACF, no base flood elevations
- AE 1% ACF, periodic base flood elevations

High Risk-Coastal Areas
- VE =/> 1% ACF + Storm Waves

- Floodway
- COBRA **
- Open Water

* 0.2% Annual Chance of Flood Hazard
** Coastal Barrier Resources System Area
ACF = Annual Chance of Flooding

Link to the map for this property at **FEMA's Map Service Center** (may not be available in all locations)

FEMA Flood Zoning	
FEMA flood zone	X
FEMA flood zones	X
Costal barrier resources system area (COBRA)	No
FEMA floodway	n/a

Distance to...	
Nearest distance to coastline (ft)	12326
Compass direction to coastline	135
Nearest distance to 100 year flood zone area (ft)	248
Compass direction to 100 year flood zone	20

FEMA Map Details	
Map panel ID	3604970214F
Map quaderant ID	40073-F8
Quaderant name	Brooklyn
Mapped to scale 1	6000
Map (source data) publication date	09/05/2007

J1 API

You can now include mini-reports on your own website. Click here to get the code you need to include for **2242 Church Ave, Brooklyn, NY 11226**

Disclaimer

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2242-2260 Church Avenue
2260 Church Avenue
Brooklyn, NY 11226

Inquiry Number: 2987346.4s
February 09, 2011

The EDR Radius Map™ Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2260 CHURCH AVENUE
BROOKLYN, NY 11226

COORDINATES

Latitude (North):	40.650400 - 40˚ 39' 1.4''
Longitude (West):	73.957800 - 73˚ 57' 28.1''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588115.2
UTM Y (Meters):	4500260.0
Elevation:	48 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LOT 42,TAXBLOCK 5103 2248 CHURCH AVENUE BROOKLYN, NY 11226	E DESIGNATION	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS ..... Inactive Hazardous Waste Disposal Sites in New York State
VAPOR REOPENED ..... Vapor Intrustion Legacy Site List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Facility Register

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

CBS UST ..... Chemical Bulk Storage Database
MOSF UST ..... Major Oil Storage Facilities Database
CBS AST ..... Chemical Bulk Storage Database

EXECUTIVE SUMMARY

MOSF AST ..... Major Oil Storage Facilities Database
CBS ..... Chemical Bulk Storage Site Listing
MOSF ..... Major Oil Storage Facility Site Listing
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Registry of Engineering Controls
INST CONTROL ..... Registry of Institutional Controls
RES DECL ..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Agreements
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

ERP ..... Environmental Restoration Program Listing
BROWNFIELDS ..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
SWTIRE ..... Registered Waste Tire Storage & Facility List
SWRCY ..... Registered Recycling Facility List
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
DEL SHWS ..... Delisted Registry Sites
US HIST CDL ..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST AST ..... Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LUCIS ..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
HSWDS	Hazardous Substance Waste Disposal Site Inventory
NPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Sleam-Electric Plan Operation Data
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH	Coal Ash Disposal Site Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

EXECUTIVE SUMMARY

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BELL ATLANTIC	***2177 ALBEMARLE RD***	***S 1/8 - 1/4 (0.179 mi.)***	***AD110***	***329***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MR LEE CLEANERS	***1925 CHURCH AVE***	***W 1/8 - 1/4 (0.219 mi.)***	***AN155***	***456***
CON EDISON	OCEAN AVE & CATON AVE	WNW 1/8 - 1/4 (0.226 mi.)	AO162	481

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC BD OF ED-OLD ERASMUS HALL	***911 FLATBUSH AVE***	***SSW 0 - 1/8 (0.070 mi.)***	***G24***	***81***

State and tribal leaking storage tank lists

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 11/23/2010 has revealed that there are 68 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITIBANK Date Closed: 2/26/1997	***2210 CHURCH AVENUE***	***W 0 - 1/8 (0.039 mi.)***	***B7***	***23***
45 MARTENCE ST Date Closed: 2/24/2003	***45 MARTENCE ST***	***NNE 0 - 1/8 (0.065 mi.)***	***F21***	***69***
45 MARTENSE ST Date Closed: 2/24/2003	***45 MARTENSE ST***	***NNE 0 - 1/8 (0.066 mi.)***	***F22***	***72***
2193 BEDFORD AVENUE Date Closed: 2/14/1997	***2193 BEDFORD AVE***	***E 0 - 1/8 (0.104 mi.)***	***K39***	***132***
2211 BEDFORD AVE Date Closed: 7/22/1994 Date Closed: 3/18/2003	***2211 BEDFORD AVE***	***ESE 0 - 1/8 (0.108 mi.)***	***L43***	***161***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
141 E 21 ST - BKLN	***141 E 21 ST***	***WNW 1/8 - 1/4 (0.129 mi.)***	***R63***	***220***
Date Closed: 3/29/1990				
APARTMENT BUILDING	55 LINDEN BLVD	NNE 1/8 - 1/4 (0.132 mi.)	Q67	230
Date Closed: 2/14/2007				
APARTMENT BLDG	110-118 MARTENSE ST	ENE 1/8 - 1/4 (0.150 mi.)	U79	259
Not reported	2014 CHURCH AVE	W 1/8 - 1/4 (0.161 mi.)	X83	269
Date Closed: 11/13/2003				
97 EAST 21ST ST	97 EAST 21ST ST	NW 1/8 - 1/4 (0.173 mi.)	W96	295
Date Closed: 9/16/2005				
Not reported	540 OCEAN AVE	WSW 1/8 - 1/4 (0.173 mi.)	AB99	301
Date Closed: 7/26/2002				
2520 CHURCH ST/HOLY CROSS	***2520 CHURCH STREET***	***E 1/8 - 1/4 (0.178 mi.)***	***AC105***	***318***
2520 CHURCH /HOLY CROSS	***2520 CHURCH AVE***	***E 1/8 - 1/4 (0.178 mi.)***	***AC106***	***321***
Date Closed: 6/11/2008				
HOLY CROSS CHURCH	***2520 CHURCH AV***	***E 1/8 - 1/4 (0.179 mi.)***	***AC111***	***339***
Date Closed: 3/10/2003				
2520 CHURCH AVE	***2520 CHURCH AVE***	***E 1/8 - 1/4 (0.179 mi.)***	***AC113***	***344***
Date Closed: 7/14/2005				
485 OCEAN AVE	***485 OCEAN AVE***	***WNW 1/8 - 1/4 (0.182 mi.)***	***AE120***	***364***
Date Closed: 11/22/1991				
475 OCEAN AVE	475 OCEAN AVE	WNW 1/8 - 1/4 (0.187 mi.)	AE128	385
APARTMENT BUILDING - TTF	75 EAST 21 STREET	NW 1/8 - 1/4 (0.206 mi.)	AK144	425
55 LENOX RD	***55 LENOX RD***	***N 1/8 - 1/4 (0.225 mi.)***	***AQ160***	***476***
Date Closed: 11/26/1991				
123 LINDEN BLVD.	***123 LINDEN BLVD.***	***NE 1/8 - 1/4 (0.235 mi.)***	***AT178***	***521***
Date Closed: 7/19/1993				
21 ST PAUL'S COURT	***21ST PAUL'S COURT***	***W 1/8 - 1/4 (0.239 mi.)***	***AV182***	***535***
Date Closed: 2/22/1990				
416 OCEAN AVE/BKLYN	***416 OCEAN AVENUE***	***NW 1/8 - 1/4 (0.245 mi.)***	***AX190***	***556***
Date Closed: 11/2/1992				
ST PAULS REALTY LLC	1 ST PAULS COURT	W 1/4 - 1/2 (0.254 mi.)	AV197	578
Date Closed: 2/14/2007				
DIPLOMAT APARTMENTS	***1829 CATON AVENUE***	***WNW 1/4 - 1/2 (0.261 mi.)***	***198***	***581***
Date Closed: 11/18/2005				
APARTMENT BUILDING	130 LENOX RD	NNE 1/4 - 1/2 (0.274 mi.)	200	586
100 EAST 18TH ST	***100 EAST 18TH ST***	***WSW 1/4 - 1/2 (0.295 mi.)***	***203***	***593***
Date Closed: 1/26/2004				
5 LLOYD ST	***5 LLOYD ST***	***E 1/4 - 1/2 (0.339 mi.)***	***206***	***606***
Date Closed: 4/23/1993				
305 OCEAN AVE	***305 OCEAN AVE***	***NW 1/4 - 1/2 (0.354 mi.)***	***AZ208***	***611***
Date Closed: 8/8/1991				
297 OCEAN AVENUE	***297 OCEAN AVENUE***	***NW 1/4 - 1/2 (0.355 mi.)***	***AZ209***	***614***
Date Closed: 12/31/1997				
NYC POLICE DEPT #67	***2820 SNYDER AV***	***ESE 1/4 - 1/2 (0.369 mi.)***	***211***	***623***
Date Closed: 8/14/1996				
LAKE VIEW HOUSES - TTF	217 OCEAN AVE	NW 1/4 - 1/2 (0.372 mi.)	AZ215	640
Date Closed: 7/14/2009				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
188 PARKSIDE AVE	188 PARKSIDE AVE	NNW 1/4 - 1/2 (0.373 mi.)	216	642
260 PARKSIDE AVENUE	***260 PARKSIDE AVENUE***	***NNW 1/4 - 1/2 (0.375 mi.)***	***217***	***643***
Date Closed: 2/8/1995				
PARKSIDE TOWERS	***160 PARKSIDE AVENUE***	***NW 1/4 - 1/2 (0.389 mi.)***	***BB218***	***646***
Date Closed: 10/7/1992				
160 PARKSIDE AVE	***160 PARKSIDE AVE***	***NW 1/4 - 1/2 (0.389 mi.)***	***BB219***	***653***
Date Closed: 2/27/1996				
184 CLARKSON REALTY	***184 CLARKSON AVENUE***	***NNE 1/4 - 1/2 (0.393 mi.)***	***BC220***	***655***
Date Closed: 10/20/1993				
Date Closed: 1/29/1993				
Not reported	***88 BUCKINGHAM RD***	***WSW 1/4 - 1/2 (0.394 mi.)***	***221***	***664***
Date Closed: 10/5/2000				
ENGINE CO 248	***2900 SNYDER AVE***	***ESE 1/4 - 1/2 (0.406 mi.)***	***222***	***666***
Date Closed: 4/11/2001				
MR BURNS	***198 CLARKSON AVE***	***NE 1/4 - 1/2 (0.407 mi.)***	***BC223***	***669***
Date Closed: 1/15/2000				
25	***WINTHROP ST***	***N 1/4 - 1/2 (0.424 mi.)***	***225***	***681***
Date Closed: 2/19/2003				
PUBLIC SCHOOL 249	***18 MARLBROUGH ROAD***	***W 1/4 - 1/2 (0.436 mi.)***	***227***	***686***
Date Closed: 12/19/2005				
APARTMENT BUILDING	590 PARKSIDE AVE	NNE 1/4 - 1/2 (0.442 mi.)	228	689
260 LENNOX RD	***260 LENNOX RD***	***NE 1/4 - 1/2 (0.447 mi.)***	***229***	***691***
Date Closed: 8/8/1997				
BROOKLYN HOSPITAL CENTER	100 PARKSIDE AVENUE	WNW 1/4 - 1/2 (0.479 mi.)	232	701
Date Closed: 3/3/2006				
6 FAIRVIEW PL	***6 FAIRVIEW PL***	***E 1/4 - 1/2 (0.487 mi.)***	***233***	***703***
Date Closed: 12/21/1995				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MADISON SQ BOYS AND GIRLS	***CLUB 2245 BEDFORD AV***	***SE 1/8 - 1/4 (0.137 mi.)***	***S73***	***244***
Date Closed: 1/18/2006				
NY TEL	***2177 ALBEMARLE ROAD***	***S 1/8 - 1/4 (0.179 mi.)***	***AD109***	***327***
Date Closed: 8/2/2005				
CHURCH	261 EAST 21ST STREET	SSW 1/8 - 1/4 (0.183 mi.)	AF122	370
Date Closed: 12/12/2006				
280 REALTY CO., L.P.	***280 EAST 21ST STREET***	***SSW 1/8 - 1/4 (0.209 mi.)***	***AM147***	***431***
PRIVATE HOME	280 EAST 21ST STREET	SSW 1/8 - 1/4 (0.209 mi.)	AM148	434
Date Closed: 11/2/2005				
2307 BEDFORD AVE	***2307 BEDFORD AVENUE***	***SSE 1/8 - 1/4 (0.229 mi.)***	***166***	***492***
Date Closed: 9/30/1992				
TTF	615 OCEAN AVE	SW 1/8 - 1/4 (0.232 mi.)	AP171	505
Date Closed: 8/26/2010				
MACY'S, CALDOR SITE	***TILDEN AVE @ FLATBUSH A***	***S 1/4 - 1/2 (0.269 mi.)***	***199***	***584***
Date Closed: 5/1/1998				
PUBLIC SCHOOL 246	***72 VERONICA PL***	***ESE 1/4 - 1/2 (0.287 mi.)***	***201***	***588***
Date Closed: 1/4/2006				
FORMER GAS STATION	***2340 BEDFORD AVE***	***SSE 1/4 - 1/2 (0.288 mi.)***	***202***	***591***
Date Closed: 7/14/2005				

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
SEARS AUTO CENTER #114 Date Closed: 3/3/2006	2359 BEDFORD AVE	SSE 1/4 - 1/2 (0.320 mi.)	AY204	599
Not reported Date Closed: 3/17/2006 Date Closed: 11/4/2003	***2359 BEDFORD AVE***	***SSE 1/4 - 1/2 (0.320 mi.)***	***AY205***	***602***
927 ROGERS AVENUE Date Closed: 1/2/1996	***927 ROGERS AVENUE***	***ESE 1/4 - 1/2 (0.352 mi.)***	***207***	***609***
716 OCEAN AVENUE Date Closed: 1/5/1996	***716 OCEAN AVENUE***	***SSW 1/4 - 1/2 (0.370 mi.)***	***212***	***630***
943 ROGERS AVENUE Date Closed: 12/13/1995	***943 ROGERS AVENUE***	***SE 1/4 - 1/2 (0.371 mi.)***	***BA213***	***635***
943 ROGERS AVE Date Closed: 12/28/1993	***943 ROGERS AVENUE***	***SE 1/4 - 1/2 (0.371 mi.)***	***BA214***	***638***
SEARS ROEBUCK & CO Date Closed: 9/9/1998	***2307 BEVERLY RD***	***SSE 1/4 - 1/2 (0.407 mi.)***	***224***	***671***
2504 BEVERLY RD Date Closed: 11/22/1994	***2504 BEVERLY RD***	***SSE 1/4 - 1/2 (0.435 mi.)***	***226***	***684***
APARTMENT BUILDING Date Closed: 3/3/2003	***200 EAST 17TH STREET***	***SW 1/4 - 1/2 (0.449 mi.)***	***230***	***694***
1815 BEVERLY RD/BROOKLYN Date Closed: 11/5/1993	***1815 BEVERLY RD***	***SSW 1/4 - 1/2 (0.455 mi.)***	***231***	***699***
1580 NOSTRAND AVE./NYTEL Date Closed: 2/23/1993	***1580 NOSTRAND AVE.***	***ESE 1/4 - 1/2 (0.489 mi.)***	***BD234***	***705***
APT BLDG Date Closed: 12/8/1999	***1713 BEVERLY RD***	***SW 1/4 - 1/2 (0.489 mi.)***	***235***	***708***
NY TELEPHONE Date Closed: 11/28/1995	***1580 NOSTRAND AVE***	***ESE 1/4 - 1/2 (0.490 mi.)***	***BD236***	***711***

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 51 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITIBANK Date Closed: 02/26/97	***2210 CHURCH AVENUE***	***W 0 - 1/8 (0.039 mi.)***	***B7***	***23***
45 MARTENCE ST Date Closed: / /	***45 MARTENCE ST***	***NNE 0 - 1/8 (0.065 mi.)***	***F21***	***69***
45 MARTENSE ST Date Closed: / /	***45 MARTENSE ST***	***NNE 0 - 1/8 (0.066 mi.)***	***F22***	***72***
2193 BEDFORD AVENUE Date Closed: 02/14/97	***2193 BEDFORD AVE***	***E 0 - 1/8 (0.104 mi.)***	***K39***	***132***
2211 BEDFORD AVE Date Closed: 07/22/94 Date Closed: / /	***2211 BEDFORD AVE***	***ESE 0 - 1/8 (0.108 mi.)***	***L43***	***161***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
141 E 21 ST - BKLN Date Closed: 03/29/90	***141 E 21 ST***	***WNW 1/8 - 1/4 (0.129 mi.)***	***R63***	***220***
2520 CHURCH ST/HOLY CROSS Date Closed: / /	***2520 CHURCH STREET***	***E 1/8 - 1/4 (0.178 mi.)***	***AC105***	***318***
2520 CHURCH /HOLY CROSS Date Closed: / /	***2520 CHURCH AVE***	***E 1/8 - 1/4 (0.178 mi.)***	***AC106***	***321***
HOLY CROSS CHURCH Date Closed: / /	***2520 CHURCH AV***	***E 1/8 - 1/4 (0.179 mi.)***	***AC111***	***339***
2520 CHURCH AVE Date Closed: / /	***2520 CHURCH AVE***	***E 1/8 - 1/4 (0.179 mi.)***	***AC113***	***344***
485 OCEAN AVE Date Closed: 11/22/91	***485 OCEAN AVE***	***WNW 1/8 - 1/4 (0.182 mi.)***	***AE120***	***364***
55 LENOX RD Date Closed: 11/26/91	***55 LENOX RD***	***N 1/8 - 1/4 (0.225 mi.)***	***AQ160***	***476***
123 LINDEN BLVD. Date Closed: 07/19/93	***123 LINDEN BLVD.***	***NE 1/8 - 1/4 (0.235 mi.)***	***AT178***	***521***
21 ST PAUL'S COURT Date Closed: 02/22/90	***21ST PAUL'S COURT***	***W 1/8 - 1/4 (0.239 mi.)***	***AV182***	***535***
416 OCEAN AVE/BKLYN Date Closed: 11/02/92	***416 OCEAN AVENUE***	***NW 1/8 - 1/4 (0.245 mi.)***	***AX190***	***556***
416 OCEAN AVE/BKLYN Date Closed: / /	***416 OCEAN AVENUE***	***NW 1/8 - 1/4 (0.247 mi.)***	***AX193***	***565***
DIPLOMAT APARTMENTS Date Closed: / /	***1829 CATON AVENUE***	***WNW 1/4 - 1/2 (0.261 mi.)***	***198***	***581***
100 EAST 18TH ST Date Closed: / /	***100 EAST 18TH ST***	***WSW 1/4 - 1/2 (0.295 mi.)***	***203***	***593***
5 LLOYD ST Date Closed: 04/23/93	***5 LLOYD ST***	***E 1/4 - 1/2 (0.339 mi.)***	***206***	***606***
305 OCEAN AVE Date Closed: 08/08/91	***305 OCEAN AVE***	***NW 1/4 - 1/2 (0.354 mi.)***	***AZ208***	***611***
297 OCEAN AVENUE Date Closed: 12/31/97	***297 OCEAN AVENUE***	***NW 1/4 - 1/2 (0.355 mi.)***	***AZ209***	***614***
27 CROOKE AVE/BROOKLYN Date Closed: / /	***27 CROOKE AVENUE***	***WNW 1/4 - 1/2 (0.366 mi.)***	***210***	***619***
NYC POLICE DEPT #67 Date Closed: 08/14/96	***2820 SNYDER AV***	***ESE 1/4 - 1/2 (0.369 mi.)***	***211***	***623***
260 PARKSIDE AVENUE Date Closed: 02/08/95	***260 PARKSIDE AVENUE***	***NNW 1/4 - 1/2 (0.375 mi.)***	***217***	***643***
PARKSIDE TOWERS Date Closed: 10/07/92	***160 PARKSIDE AVENUE***	***NW 1/4 - 1/2 (0.389 mi.)***	***BB218***	***646***
160 PARKSIDE AVE Date Closed: 02/27/96	***160 PARKSIDE AVE***	***NW 1/4 - 1/2 (0.389 mi.)***	***BB219***	***653***
184 CLARKSON REALTY Date Closed: 01/29/93 Date Closed: 10/20/93	***184 CLARKSON AVENUE***	***NNE 1/4 - 1/2 (0.393 mi.)***	***BC220***	***655***
Not reported Date Closed: 10/05/00	***88 BUCKINGHAM RD***	***WSW 1/4 - 1/2 (0.394 mi.)***	***221***	***664***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENGINE CO 248 Date Closed: 04/11/01	***2900 SNYDER AVE***	***ESE 1/4 - 1/2 (0.406 mi.)***	***222***	***666***
MR BURNS Date Closed: 01/15/00	***198 CLARKSON AVE***	***NE 1/4 - 1/2 (0.407 mi.)***	***BC223***	***669***
25 Date Closed: / /	***WINTHROP ST***	***N 1/4 - 1/2 (0.424 mi.)***	***225***	***681***
PUBLIC SCHOOL 249 Date Closed: / /	***18 MARLBROUGH ROAD***	***W 1/4 - 1/2 (0.436 mi.)***	***227***	***686***
260 LENNOX RD Date Closed: 08/08/97	***260 LENNOX RD***	***NE 1/4 - 1/2 (0.447 mi.)***	***229***	***691***
6 FAIRVIEW PL Date Closed: 12/21/95	***6 FAIRVIEW PL***	***E 1/4 - 1/2 (0.487 mi.)***	***233***	***703***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MADISON SQ BOYS AND GIRLS Date Closed: / /	***CLUB 2245 BEDFORD AV***	***SE 1/8 - 1/4 (0.137 mi.)***	***S73***	***244***
NY TEL Date Closed: / /	***2177 ALBEMARLE ROAD***	***S 1/8 - 1/4 (0.179 mi.)***	***AD109***	***327***
2307 BEDFORD AVE Date Closed: 09/30/92	***2307 BEDFORD AVENUE***	***SSE 1/8 - 1/4 (0.229 mi.)***	***166***	***492***
MACY'S, CALDOR SITE Date Closed: 05/01/98	***TILDEN AVE @ FLATBUSH A***	***S 1/4 - 1/2 (0.269 mi.)***	***199***	***584***
PUBLIC SCHOOL 246 Date Closed: / /	***72 VERONICA PL***	***ESE 1/4 - 1/2 (0.287 mi.)***	***201***	***588***
Not reported Date Closed: / /	***2359 BEDFORD AVE***	***SSE 1/4 - 1/2 (0.320 mi.)***	***AY205***	***602***
927 ROGERS AVENUE Date Closed: 01/02/96	***927 ROGERS AVENUE***	***ESE 1/4 - 1/2 (0.352 mi.)***	***207***	***609***
716 OCEAN AVENUE Date Closed: 01/05/96	***716 OCEAN AVENUE***	***SSW 1/4 - 1/2 (0.370 mi.)***	***212***	***630***
943 ROGERS AVENUE Date Closed: 12/13/95	***943 ROGERS AVENUE***	***SE 1/4 - 1/2 (0.371 mi.)***	***BA213***	***635***
943 ROGERS AVE Date Closed: 12/28/93	***943 ROGERS AVENUE***	***SE 1/4 - 1/2 (0.371 mi.)***	***BA214***	***638***
SEARS ROEBUCK & CO Date Closed: 09/09/98	***2307 BEVERLY RD***	***SSE 1/4 - 1/2 (0.407 mi.)***	***224***	***671***
2504 BEVERLY RD Date Closed: 11/22/94	***2504 BEVERLY RD***	***SSE 1/4 - 1/2 (0.435 mi.)***	***226***	***684***
APARTMENT BUILDING Date Closed: / /	***200 EAST 17TH STREET***	***SW 1/4 - 1/2 (0.449 mi.)***	***230***	***694***
1815 BEVERLY RD/BROOKLYN Date Closed: 11/05/93	***1815 BEVERLY RD***	***SSW 1/4 - 1/2 (0.455 mi.)***	***231***	***699***
1580 NOSTRAND AVE./NYTEL Date Closed: 02/23/93	***1580 NOSTRAND AVE.***	***ESE 1/4 - 1/2 (0.489 mi.)***	***BD234***	***705***
APT BLDG Date Closed: 12/08/99	***1713 BEVERLY RD***	***SW 1/4 - 1/2 (0.489 mi.)***	***235***	***708***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
NY TELEPHONE Date Closed: 11/28/95	***1580 NOSTRAND AVE***	***ESE 1/4 - 1/2 (0.490 mi.)***	***BD236***	***711***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 01/04/2011 has revealed that there are 34 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
30 MARTENSE STREET	30 MARTENSE STREET	NNW 0 - 1/8 (0.059 mi.)	E18	58
75 MARTENSE STREET	75 MARTENSE STREET	NE 0 - 1/8 (0.098 mi.)	I34	118
SHELL SERVICE STATION	***2193 BEDFORD AVENUE***	***E 0 - 1/8 (0.104 mi.)***	***K40***	***137***
MERIT OIL CORP	***2211 BEDFORD AVE***	***ESE 0 - 1/8 (0.108 mi.)***	***L42***	***145***
FAITH ASSEMBLY OF GOD	***2164 BEDFORD AVENUE***	***ENE 0 - 1/8 (0.118 mi.)***	***50***	***184***
FLATBUSH BRANCH	***22 LINDEN BLVD***	***NNW 1/8 - 1/4 (0.126 mi.)***	***P58***	***204***
55 LINDEN BLVD	***55 LINDEN BLVD***	***NNE 1/8 - 1/4 (0.132 mi.)***	***Q66***	***227***
58 REALTY LLC	58 LINDEN BOULEVARD	NNE 1/8 - 1/4 (0.132 mi.)	Q69	235
70 LINDEN BLVD	70 LINDEN BLVD	NNE 1/8 - 1/4 (0.141 mi.)	V77	255
RUSCIO PLAZA CORP	2014 CHURCH AVENUE	W 1/8 - 1/4 (0.161 mi.)	X84	271
HOLY CROSS SCHOOL	***2516 CHURCH AVENUE***	***E 1/8 - 1/4 (0.176 mi.)***	***AC101***	***305***
PROVIDENCE HOUSE	***2518 CHURCH AVE***	***E 1/8 - 1/4 (0.177 mi.)***	***AC104***	***314***
HOLY CROSS	***2520 CHURCH AVENUE***	***E 1/8 - 1/4 (0.179 mi.)***	***AC112***	***341***
130 MARTENSE ST LLC	130 MARTENSE STREET	ENE 1/8 - 1/4 (0.181 mi.)	116	351
HSBC BANK	***815 FLATBUSH AVENUE***	***NNW 1/8 - 1/4 (0.181 mi.)***	***Z118***	***356***
2101 BEDFORD REALTY LLC	2101 BEDFORD AVENUE	NNE 1/8 - 1/4 (0.184 mi.)	125	378
570 OCEAN AVENUE, LLC	***570 OCEAN AVENUE***	***WSW 1/8 - 1/4 (0.187 mi.)***	***AH127***	***382***
95 REALTY NY LLC	95 LINDEN BOULEVARD	NE 1/8 - 1/4 (0.191 mi.)	AI133	394
2102 CATON PROPERTIES, LLC.	2114 CATON AVE	NW 1/8 - 1/4 (0.197 mi.)	AK140	413
591 OCEAN REALTY L.L.C	***591 OCEAN AVENUE***	***SW 1/8 - 1/4 (0.207 mi.)***	***AL145***	***426***
600 OCEAN REALTY CORP.	600 OCEAN AVENUE	SW 1/8 - 1/4 (0.214 mi.)	AL151	446
70 LENOX ROAD	***70 LENOX ROAD***	***N 1/8 - 1/4 (0.230 mi.)***	***AQ168***	***497***
75 LENNOX REALTY CO	75 LENOX ROAD	N 1/8 - 1/4 (0.234 mi.)	AS174	513
NEW YORK CONGREGATIONAL NURSIN	123 LINDEN BOULEVARD	NE 1/8 - 1/4 (0.235 mi.)	AT177	519
ST PAULS CHURCH	***157 ST PAULS PLACE***	***W 1/8 - 1/4 (0.244 mi.)***	***186***	***544***
35 TENNIS COURT	35 TENNIS COURT	WSW 1/8 - 1/4 (0.244 mi.)	AU189	554
416 OCEAN TENANTS CORP	416 OCEAN AVENUE	NW 1/8 - 1/4 (0.247 mi.)	AX191	559

Lower Elevation	Address	Direction / Distance	Map ID	Page
2245 BEDFORD AVENUE	2245 BEDFORD AVENUE	SE 1/8 - 1/4 (0.137 mi.)	S72	242
WATCHTOWER BIBLE & TRACT SOCIE	***973-981 FLATBUSH AVENUE***	***S 1/8 - 1/4 (0.182 mi.)***	***AD121***	***367***
FLATBUSH 7TH DAY ADVENTIST CHU	***261 EAST 21ST STREET***	***SSW 1/8 - 1/4 (0.183 mi.)***	***AF123***	***372***
280 E 21 ST	280 EAST 21ST STREET	SSW 1/8 - 1/4 (0.209 mi.)	AM146	429
612 OCEAN AV	***612 OCEAN AVE***	***SW 1/8 - 1/4 (0.227 mi.)***	***AP163***	***482***
615 OCEAN AVE REALTY CORP.	***615 OCEAN AVENUE***	***SW 1/8 - 1/4 (0.234 mi.)***	***AP172***	***506***
JACKSON SURREY BEVERLY LLC	***630 OCEAN AVENUE***	***SW 1/8 - 1/4 (0.249 mi.)***	***AW196***	***574***

EXECUTIVE SUMMARY

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 01/04/2011 has revealed that there are 80 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED STATES POSTAL SERVICE/F	2273 CHURCH AVE	ENE 0 - 1/8 (0.008 mi.)	A2	8
2211 CHURCH AVE ASSOCIATES, LL	***2211 CHURCH AVENUE***	***W 0 - 1/8 (0.040 mi.)***	***B8***	***25***
CITIBANK	885 FLATBUSH AVENUE	W 0 - 1/8 (0.047 mi.)	B11	33
CHEMICAL BANK	***883 FLATBUSH AVENUE***	***W 0 - 1/8 (0.047 mi.)***	***B12***	***35***
30 MARTENSE STREET	***30 MARTENSE STREET***	***NNW 0 - 1/8 (0.059 mi.)***	***E19***	***60***
45 MARTENSE ST	***45 MARTENSE ST***	***NNE 0 - 1/8 (0.066 mi.)***	***F22***	***72***
MARTENSE REALTY CORP	***12 MARTENSE ST***	***NW 0 - 1/8 (0.068 mi.)***	***E23***	***78***
MARTENSE ASSOCIATES	***61 MARTENSE ST***	***NE 0 - 1/8 (0.080 mi.)***	***I28***	***100***
75 MARTENSE STREET	***75 MARTENSE STREET***	***NE 0 - 1/8 (0.098 mi.)***	***I35***	***120***
ARC BLDG CO	***845 FLATBUSH AVE***	***NW 0 - 1/8 (0.113 mi.)***	***45***	***170***
QUARLEVANS REALTY CORP	190 EAST 21ST STREET	WSW 0 - 1/8 (0.119 mi.)	52	189
LIBRARY ARMS	***30 LINDEN BLVD***	***N 0 - 1/8 (0.125 mi.)***	***P57***	***201***
OCEAN REALTY ASSOCIATES, LLC	***35 LINDEN BLVD***	***N 1/8 - 1/4 (0.126 mi.)***	***P59***	***208***
45 LINDEN BLVD	***45 LINDEN BLVD***	***N 1/8 - 1/4 (0.128 mi.)***	***Q61***	***212***
EAST STERLING REALTY CORP.	***141 EAST 21ST STREET***	***WNW 1/8 - 1/4 (0.129 mi.)***	***R62***	***217***
2150 REALTY CORP.	2150 BEDFORD AVENUE	NE 1/8 - 1/4 (0.132 mi.)	68	232
EAST STERLING REALTY CORP.	***131 EAST 21ST STREET***	***WNW 1/8 - 1/4 (0.137 mi.)***	***R70***	***237***
GILBERT HELMAN	833 FLATBUSH AVE	NNW 1/8 - 1/4 (0.138 mi.)	T74	246
104 MARTENSE STREET	104 MARTENSE STREET	ENE 1/8 - 1/4 (0.141 mi.)	U75	248
70 LINDEN BLVD	***70 LINDEN BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***V76***	***250***
829 FLATBUSH AVE	829 FLATBUSH AVE	NNW 1/8 - 1/4 (0.146 mi.)	T78	257
APARTMENT HOUSE	***110 MARTENSE ST***	***ENE 1/8 - 1/4 (0.150 mi.)***	***U80***	***260***
111 REALTY ASSOCIATES	***111 EAST 21 ST***	***NW 1/8 - 1/4 (0.157 mi.)***	***W82***	***266***
77 LINDEN BLVD	***77 LINDEN BLVD***	***NE 1/8 - 1/4 (0.166 mi.)***	***Y87***	***276***
533 OCEAN AVENUE	533 OCEAN AVENUE	WSW 1/8 - 1/4 (0.170 mi.)	X90	281
OCEAN FIVE TWO TWO ASSOCIATES	522 OCEAN AVENUE	W 1/8 - 1/4 (0.171 mi.)	X91	283
100 E 21ST STREET	***100 E 21ST ST***	***NW 1/8 - 1/4 (0.171 mi.)***	***W92***	***285***
APARTMENT HOUSE	***505 OCEAN AVE***	***W 1/8 - 1/4 (0.171 mi.)***	***AA94***	***290***
MS EDERLE GIBBONS	97 EAST 21ST STREET	NW 1/8 - 1/4 (0.173 mi.)	W95	293
T&T REALTY ASSOC. LLC	543 OCEAN AVENUE	WSW 1/8 - 1/4 (0.173 mi.)	AB97	296
536 REALTY ASSOCIATES	***540 OCEAN AVENUE***	***WSW 1/8 - 1/4 (0.173 mi.)***	***AB98***	***298***
M & D. MANAGEMENT, INC.	499 OCEAN AVENUE	W 1/8 - 1/4 (0.174 mi.)	AA100	303
500 OCEAN APT CORP	***500 OCEAN AVE***	***W 1/8 - 1/4 (0.176 mi.)***	***AA102***	***308***
A & E ASSOCIATES	***550 OCEAN AVENUE***	***WSW 1/8 - 1/4 (0.176 mi.)***	***AB103***	***311***
THREE NICKELS, LLC	555 OCEAN AVENUE	WSW 1/8 - 1/4 (0.178 mi.)	AB107	323
2107 BEDFORD AVE	2107 BEDFORD AVENUE	NNE 1/8 - 1/4 (0.180 mi.)	Y115	349
485 OCEAN REALTY L.L.C	***485 OCEAN AVE***	***WNW 1/8 - 1/4 (0.181 mi.)***	***AE117***	***353***
HSBC BANK	***815 FLATBUSH AVENUE***	***NNW 1/8 - 1/4 (0.181 mi.)***	***Z118***	***356***
GUL HAYATI	2201 CATON AVE	N 1/8 - 1/4 (0.182 mi.)	119	362
CATON 6064 LLC	2164 CATON AVE	NNW 1/8 - 1/4 (0.184 mi.)	AG124	376
CATON 6064 LLC	2160 CATON AVE	NNW 1/8 - 1/4 (0.185 mi.)	AG126	380
TOP REALTY	475 OCEAN AVE	WNW 1/8 - 1/4 (0.187 mi.)	AE129	386
95 REALTY NY LLC	95 LINDEN BOULEVARD	NE 1/8 - 1/4 (0.191 mi.)	AI132	392
575 OCEAN AVENUE H.D.F.C.	575 OCEAN AVENUE	SW 1/8 - 1/4 (0.192 mi.)	AH135	397
470 OCEAN AVE	***470 OCEAN AVE***	***WNW 1/8 - 1/4 (0.195 mi.)***	***AJ136***	***399***
OCEAN REALTY 465 ASSOCIATES, L	***465 OCEAN AVE***	***WNW 1/8 - 1/4 (0.196 mi.)***	***AJ137***	***402***
100 LINDEN BOULEVARD	***100 LINDEN BOULEVARD***	***NE 1/8 - 1/4 (0.196 mi.)***	***AI138***	***405***
APARTMENT BUILDING	***2114 CATON AVE***	***NW 1/8 - 1/4 (0.197 mi.)***	***AK139***	***409***
590 OCEAN AVE	***590 OCEAN AVE***	***SW 1/8 - 1/4 (0.203 mi.)***	***AL141***	***415***
APARTMENT HOUSE	***455 OCEAN AVE***	***WNW 1/8 - 1/4 (0.204 mi.)***	***AJ142***	***418***
G&G REALTY ASSOC	***75 E 21ST ST***	***NW 1/8 - 1/4 (0.206 mi.)***	***AK143***	***421***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PROSPECT 446, LLC	446 OCEAN AVENUE	WNW 1/8 - 1/4 (0.215 mi.)	AO152	448
CATON PROPERTIES LLC	2017-2023 CATON AVE	NW 1/8 - 1/4 (0.222 mi.)	AO157	468
ALBA REALTY CORPORATION	***32 LENOX ROAD***	***N 1/8 - 1/4 (0.225 mi.)***	***158***	***470***
LENBED REALTY	***50 LENOX RD***	***N 1/8 - 1/4 (0.225 mi.)***	***AQ161***	***478***
55 LENOX RD	***55 LENOX RD***	***N 1/8 - 1/4 (0.228 mi.)***	***AQ165***	***489***
2525 CHURCH ASSOC. LLC	2525 CHURCH AVENUE	E 1/8 - 1/4 (0.229 mi.)	167	495
65 LENOX RD	***65 LENOX RD***	***N 1/8 - 1/4 (0.231 mi.)***	***AQ170***	***502***
55 EAST 21ST STREET CO., LLC	***55 EAST 21ST ST***	***NW 1/8 - 1/4 (0.234 mi.)***	***AR173***	***509***
80 LENOX RD	***80 LENOX RD***	***NNE 1/8 - 1/4 (0.234 mi.)***	***AS176***	***516***
NEW YORK CONGREGATIONAL HOME F	***123 LINDEN BOULEVARD***	***NE 1/8 - 1/4 (0.235 mi.)***	***AT179***	***524***
45 TENNIS CT	***45 TENNIS CT***	***WSW 1/8 - 1/4 (0.237 mi.)***	***AU180***	***528***
21 ST PAULS COURT	***21 ST PAULS COURT***	***W 1/8 - 1/4 (0.239 mi.)***	***AV181***	***531***
ROSKAR REALTY, INC.	20 ST PAULS COURT	W 1/8 - 1/4 (0.240 mi.)	AV183	537
APARTMENT BUILDING	***128 LINDEN BLVD***	***NE 1/8 - 1/4 (0.241 mi.)***	***AT185***	***541***
50 EAST 21ST STREET	***50 EAST 21ST STREET***	***NW 1/8 - 1/4 (0.244 mi.)***	***AR188***	***550***
BRACEBRIDGE HALL	***416 OCEAN AVENUE***	***NW 1/8 - 1/4 (0.247 mi.)***	***AX192***	***561***
417 OCEAN AVENUE	***417 OCEAN AVE***	***NW 1/8 - 1/4 (0.249 mi.)***	***AX195***	***571***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ERAMUS HALL HIGH SCHOOL - K465	***911 FLATBUSH AVE***	***SSW 0 - 1/8 (0.070 mi.)***	***G25***	***90***
LUGO HAIR CENTER	20 SNYDER AVENUE	S 1/8 - 1/4 (0.129 mi.)	N64	223
PUBLIC SCHOOL 6-BROOKLYN	43 SNYDER AVENUE	SSE 1/8 - 1/4 (0.129 mi.)	65	225
2245 BEDFORD AVENUE	2245 BEDFORD AVENUE	SE 1/8 - 1/4 (0.137 mi.)	S71	240
2255 BEDFORD DEVELOPMENT ASSOC	***2255 BEDFORD AVENUE***	***SE 1/8 - 1/4 (0.150 mi.)***	***S81***	***263***
LUCINDER H. JOHN	266 E 21 STREET, 2D	SSW 1/8 - 1/4 (0.190 mi.)	AF131	390
601 OCEAN AVE	***601 OCEAN AVE***	***SW 1/8 - 1/4 (0.217 mi.)***	***AP153***	***450***
2114 REALTY L.L.C.	***2114 ALBEMARLE ROAD***	***SSW 1/8 - 1/4 (0.218 mi.)***	***154***	***453***
611 REALTY	***611 OCEAN AVE***	***SW 1/8 - 1/4 (0.228 mi.)***	***AP164***	***486***
GTS REAL PROPERTIES	2-12 OAKLAND PLACE	SE 1/8 - 1/4 (0.230 mi.)	169	500
APT HOUSE	***625 OCEAN AVE***	***SW 1/8 - 1/4 (0.244 mi.)***	***AW187***	***547***
2020 REALTY	***2020 ALBERMARLE ROAD***	***SSW 1/8 - 1/4 (0.248 mi.)***	***AW194***	***568***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 31 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
30 MARTENSE STREET	***30 MARTENSE STREET***	***NNW 0 - 1/8 (0.059 mi.)***	***E19***	***60***
75 MARTENSE STREET	***75 MARTENSE STREET***	***NE 0 - 1/8 (0.098 mi.)***	***I35***	***120***
SHELL SERVICE STATION	***2193 BEDFORD AVENUE***	***E 0 - 1/8 (0.104 mi.)***	***K40***	***137***
MERIT OIL CORP	***2211 BEDFORD AVE***	***ESE 0 - 1/8 (0.108 mi.)***	***L42***	***145***
FAITH ASSEMBLY OF GOD	***2164 BEDFORD AVENUE***	***ENE 0 - 1/8 (0.118 mi.)***	***50***	***184***
FLATBUSH BRANCH	***22 LINDEN BLVD***	***NNW 1/8 - 1/4 (0.126 mi.)***	***P58***	***204***
55 LINDEN BLVD	***55 LINDEN BLVD***	***NNE 1/8 - 1/4 (0.132 mi.)***	***Q66***	***227***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
70 LINDEN BLVD	***70 LINDEN BLVD***	***NNE 1/8 - 1/4 (0.141 mi.)***	***V76***	***250***
OCEAN FIVE TWO TWO ASSOCIATES	522 OCEAN AVE	W 1/8 - 1/4 (0.169 mi.)	X88	279
HOLY CROSS SCHOOL	***2516 CHURCH AVENUE***	***E 1/8 - 1/4 (0.176 mi.)***	***AC101***	***305***
PROVIDENCE HOUSE	***2518 CHURCH AVE***	***E 1/8 - 1/4 (0.177 mi.)***	***AC104***	***314***
HOLY CROSS	***2520 CHURCH AVENUE***	***E 1/8 - 1/4 (0.179 mi.)***	***AC112***	***341***
HSBC BANK	***815 FLATBUSH AVENUE***	***NNW 1/8 - 1/4 (0.181 mi.)***	***Z118***	***356***
570 OCEAN AVENUE, LLC	***570 OCEAN AVENUE***	***WSW 1/8 - 1/4 (0.187 mi.)***	***AH127***	***382***
HOLY CROSS R.C. CHURCH	2530 CHURCH AVE	E 1/8 - 1/4 (0.189 mi.)	AC130	388
95 LINDEN BLVD	95 LINDEN BLVD	NE 1/8 - 1/4 (0.191 mi.)	AI134	396
APARTMENT BUILDING	***2114 CATON AVE***	***NW 1/8 - 1/4 (0.197 mi.)***	***AK139***	***409***
591 OCEAN REALTY L.L.C	***591 OCEAN AVENUE***	***SW 1/8 - 1/4 (0.207 mi.)***	***AL145***	***426***
70 LENOX ROAD	***70 LENOX ROAD***	***N 1/8 - 1/4 (0.230 mi.)***	***AQ168***	***497***
75 LENNOX REALTY CO	75 LENOX ROAD	N 1/8 - 1/4 (0.234 mi.)	AS175	515
NEW YORK CONGREGATIONAL HOME F	***123 LINDEN BOULEVARD***	***NE 1/8 - 1/4 (0.235 mi.)***	***AT179***	***524***
ROSKAR REALTY CORP	20 ST PAULS COURT	W 1/8 - 1/4 (0.240 mi.)	AV184	539
ST PAULS CHURCH	***157 ST PAULS PLACE***	***W 1/8 - 1/4 (0.244 mi.)***	***186***	***544***
BRACEBRIDGE HALL	***416 OCEAN AVENUE***	***NW 1/8 - 1/4 (0.247 mi.)***	***AX192***	***561***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BELL ATLANTIC	2177 ALBEMARLE ROAD	S 1/8 - 1/4 (0.179 mi.)	AD108	325
WATCHTOWER BIBLE & TRACT SOCIE	***973-981 FLATBUSH AVENUE***	***S 1/8 - 1/4 (0.182 mi.)***	***AD121***	***367***
FLATBUSH 7TH DAY ADVENTIST CHU	***261 EAST 21ST STREET***	***SSW 1/8 - 1/4 (0.183 mi.)***	***AF123***	***372***
280 REALTY CO., L.P.	***280 EAST 21ST STREET***	***SSW 1/8 - 1/4 (0.209 mi.)***	***AM147***	***431***
612 OCEAN AV	***612 OCEAN AVE***	***SW 1/8 - 1/4 (0.227 mi.)***	***AP163***	***482***
615 OCEAN AVE REALTY CORP.	***615 OCEAN AVENUE***	***SW 1/8 - 1/4 (0.234 mi.)***	***AP172***	***506***
JACKSON SURREY BEVERLY LLC	***630 OCEAN AVENUE***	***SW 1/8 - 1/4 (0.249 mi.)***	***AW196***	***574***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 11/23/2010 has revealed that there are 12 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VAULT 2618 Date Closed: 10/21/2002	***2209 CHURCH AVE***	***W 0 - 1/8 (0.041 mi.)***	***B9***	***29***
CON ED Date Closed: 9/19/2008	MARTNES ST/ FLATBUSH AV	NW 0 - 1/8 (0.080 mi.)	H29	103
PRIVATE COLLECTIONS	***859 FLATBUSH AVE***	***NW 0 - 1/8 (0.085 mi.)***	***H30***	***105***
VEH #60643 LEAKED HYDRAULIC FL Date Closed: 5/15/2006	BEDFORD AVE & CHURCH AV	E 0 - 1/8 (0.103 mi.)	K38	131
2211 BEDFORD AVE Date Closed: 10/4/1991	***2211 BEDFORD AVE***	***ESE 0 - 1/8 (0.108 mi.)***	***L43***	***161***
VAULT 2593 Date Closed: 4/13/1998	***173 EAST 21ST ST***	***W 0 - 1/8 (0.114 mi.)***	***M47***	***177***
156 E. 21ST STREET Date Closed: 11/3/1994	***156 E. 21ST STREET***	***W 0 - 1/8 (0.121 mi.)***	***54***	***194***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
RESIDENCE Date Closed: 3/18/2005	924 FLATBUSH AVE	SSW 0 - 1/8 (0.091 mi.)	G32	112
931 FLATBUSH AVE/ASTOR Date Closed: 9/19/2008	***931 FLATBUSH AVE/ASTOR***	***S 0 - 1/8 (0.117 mi.)***	***N49***	***181***
MANHOLE 3438 Date Closed: 10/25/2001	***BEDFORD AVE/ERASMUS ST***	***ESE 0 - 1/8 (0.120 mi.)***	***O53***	***191***
BEDFORD AVE & ERASMUS ST Date Closed: 6/20/1995	***BEDFORD AVE / ERASMUS S***	***ESE 0 - 1/8 (0.121 mi.)***	***O55***	***196***
BEDFORD AND ERASMUS AVE Date Closed: 3/31/1995	***BEDFORD AND ERASMUS AVE***	***ESE 0 - 1/8 (0.121 mi.)***	***O56***	***199***

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VAULT 2618	***2209 CHURCH AVE***	***W 0 - 1/8 (0.041 mi.)***	***B9***	***29***
PRIVATE COLLECTIONS	***859 FLATBUSH AVE***	***NW 0 - 1/8 (0.085 mi.)***	***H30***	***105***
2211 BEDFORD AVE	***2211 BEDFORD AVE***	***ESE 0 - 1/8 (0.108 mi.)***	***L43***	***161***
VAULT 2593	***173 EAST 21ST ST***	***W 0 - 1/8 (0.114 mi.)***	***M47***	***177***
156 E. 21ST STREET	***156 E. 21ST STREET***	***W 0 - 1/8 (0.121 mi.)***	***54***	***194***

Lower Elevation	Address	Direction / Distance	Map ID	Page
931 FLATBUSH AVE/ASTOR	***931 FLATBUSH AVE/ASTOR***	***S 0 - 1/8 (0.117 mi.)***	***N49***	***181***
MANHOLE 3438	***BEDFORD AVE/ERASMUS ST***	***ESE 0 - 1/8 (0.120 mi.)***	***O53***	***191***
BEDFORD AVE & ERASMUS ST	***BEDFORD AVE / ERASMUS S***	***ESE 0 - 1/8 (0.121 mi.)***	***O55***	***196***
BEDFORD AND ERASMUS AVE	***BEDFORD AND ERASMUS AVE***	***ESE 0 - 1/8 (0.121 mi.)***	***O56***	***199***

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there are 10 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
V2618	***2209 CHURCH AVENUE***	***W 0 - 1/8 (0.042 mi.)***	***B10***	***31***
KENT DRY CLEANERS	***5 MARTENSE ST***	***NW 0 - 1/8 (0.076 mi.)***	***H26***	***94***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
2193 BEDFORD AVENUE	***2193 BEDFORD AVE***	***E 0 - 1/8 (0.104 mi.)***	***K39***	***132***
GOLDSEAL TRANSMISSION	***2201 BEDFORD AVE***	***E 0 - 1/8 (0.105 mi.)***	***K41***	***142***
MERIT OIL CORP	***2211 BEDFORD AVE***	***ESE 0 - 1/8 (0.108 mi.)***	***L42***	***145***
CON EDISON	***BEDFORD AVE & CATON AVE***	***NE 1/8 - 1/4 (0.162 mi.)***	***Y85***	***273***
NEW YORK TELEPHONE	***FRONT OF 824 FLATBUSH A***	***NNW 1/8 - 1/4 (0.166 mi.)***	***Z86***	***274***
CLEAN TEC ENVIRONMENTAL SERVIC	***100 E 21ST ST***	***NW 1/8 - 1/4 (0.171 mi.)***	***W93***	***288***
M & M FRENCH CLEANERS	***1932 CHURCH AVE***	***W 1/8 - 1/4 (0.214 mi.)***	***AN150***	***436***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC SCA - PUBLIC SCHOOL 371K-3	***35 SNYDER AVE***	***S 1/8 - 1/4 (0.128 mi.)***	***N60***	***211***

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 10/28/2010 has revealed that there are 13 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
V2618	***2209 CHURCH AVENUE***	***W 0 - 1/8 (0.042 mi.)***	***B10***	***31***
KENT DRY CLEANERS	***5 MARTENSE ST***	***NW 0 - 1/8 (0.076 mi.)***	***H26***	***94***
GOLDSEAL TRANSMISSION	***2201 BEDFORD AVE***	***E 0 - 1/8 (0.105 mi.)***	***K41***	***142***
MERIT OIL CORP	***2211 BEDFORD AVE***	***ESE 0 - 1/8 (0.108 mi.)***	***L42***	***145***
CON EDISON	***BEDFORD AVE & CATON AVE***	***NE 1/8 - 1/4 (0.162 mi.)***	***Y85***	***273***
NEW YORK TELEPHONE	***FRONT OF 824 FLATBUSH A***	***NNW 1/8 - 1/4 (0.166 mi.)***	***Z86***	***274***
CONSOLIDATED EDISON CO OF NY I	CHURCH & OCEAN AVE	W 1/8 - 1/4 (0.169 mi.)	X89	281
CONSOLIDATED EDISON	2107 BEDFORD AVE	NNE 1/8 - 1/4 (0.180 mi.)	Y114	347
M & M FRENCH CLEANERS	***1932 CHURCH AVE***	***W 1/8 - 1/4 (0.214 mi.)***	***AN150***	***436***
MR LEE CLEANERS	***1925 CHURCH AVE***	***W 1/8 - 1/4 (0.219 mi.)***	***AN155***	***456***
CONSOLIDATED EDISON	CATON & OCEAN	WNW 1/8 - 1/4 (0.225 mi.)	AO159	473

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC BD OF ED-OLD ERASMUS HALL	***911 FLATBUSH AVE***	***SSW 0 - 1/8 (0.070 mi.)***	***G24***	***81***
BELL ATLANTIC	***2177 ALBEMARLE RD***	***S 1/8 - 1/4 (0.179 mi.)***	***AD110***	***329***

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 12/21/2010 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIERRE'S/M&M DRY CLEANING & TA	1932 CHURCH AVENUE	W 1/8 - 1/4 (0.214 mi.)	AN149	435
MR LEE/PJC DRY CLEANERS	1925 CHURCH AVE.	W 1/8 - 1/4 (0.219 mi.)	AN156	468

EXECUTIVE SUMMARY

E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the E DESIGNATION list, as provided by EDR, and dated 10/13/2010 has revealed that there are 19 E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 48,TAXBLOCK 5089	2281 CHURCH AVENUE	ENE 0 - 1/8 (0.014 mi.)	A3	10
LOT 65,TAXBLOCK 5089	2231 CHURCH AVENUE	W 0 - 1/8 (0.024 mi.)	A4	12
LOT 36,TAXBLOCK 5103	2228 CHURCH AVENUE	W 0 - 1/8 (0.026 mi.)	B5	14
LOT 32,TAXBLOCK 5103	2210 CHURCH AVENUE	W 0 - 1/8 (0.039 mi.)	B6	18
LOT 20,TAXBLOCK 5102	892 FLATBUSH AVENUE	WSW 0 - 1/8 (0.048 mi.)	C13	38
LOT 26,TAXBLOCK 5103	893 FLATBUSH AVENUE	WSW 0 - 1/8 (0.049 mi.)	C14	40
LOT 23,TAXBLOCK 5103	897 FLATBUSH AVENUE	SW 0 - 1/8 (0.052 mi.)	C15	44
LOT 1,TAXBLOCK 5089	877 FLATBUSH AVENUE	WNW 0 - 1/8 (0.053 mi.)	D16	49
LOT 105,TAXBLOCK 5089	873 FLATBUSH AVENUE	WNW 0 - 1/8 (0.059 mi.)	D17	54
LOT 47,TAXBLOCK 5082	874 FLATBUSH AVENUE	WNW 0 - 1/8 (0.061 mi.)	D20	65
LOT 55,TAXBLOCK 5082	2101 CHURCH AVENUE	W 0 - 1/8 (0.113 mi.)	M46	173

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 28,TAXBLOCK 5102	916 FLATBUSH AVENUE	SSW 0 - 1/8 (0.077 mi.)	G27	96
LOT 33,TAXBLOCK 5102	922 FLATBUSH AVENUE	SSW 0 - 1/8 (0.087 mi.)	G31	107
LOT 35,TAXBLOCK 5102	926 FLATBUSH AVENUE	SSW 0 - 1/8 (0.095 mi.)	J33	113
LOT 36,TAXBLOCK 5102	928 FLATBUSH AVENUE	SSW 0 - 1/8 (0.099 mi.)	J36	125
LOT 8,TAXBLOCK 5103	929 FLATBUSH AVENUE	SSW 0 - 1/8 (0.100 mi.)	J37	129
LOT 39,TAXBLOCK 5102	934 FLATBUSH AVENUE	SSW 0 - 1/8 (0.112 mi.)	J44	168
LOT 1,TAXBLOCK 5103	937 FLATBUSH AVENUE	SSW 0 - 1/8 (0.116 mi.)	J48	180
LOT 41,TAXBLOCK 5102	938 FLATBUSH AVENUE	SSW 0 - 1/8 (0.118 mi.)	51	188

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 2 Manufactured Gas Plants sites within approximately 1 mile of the target property.

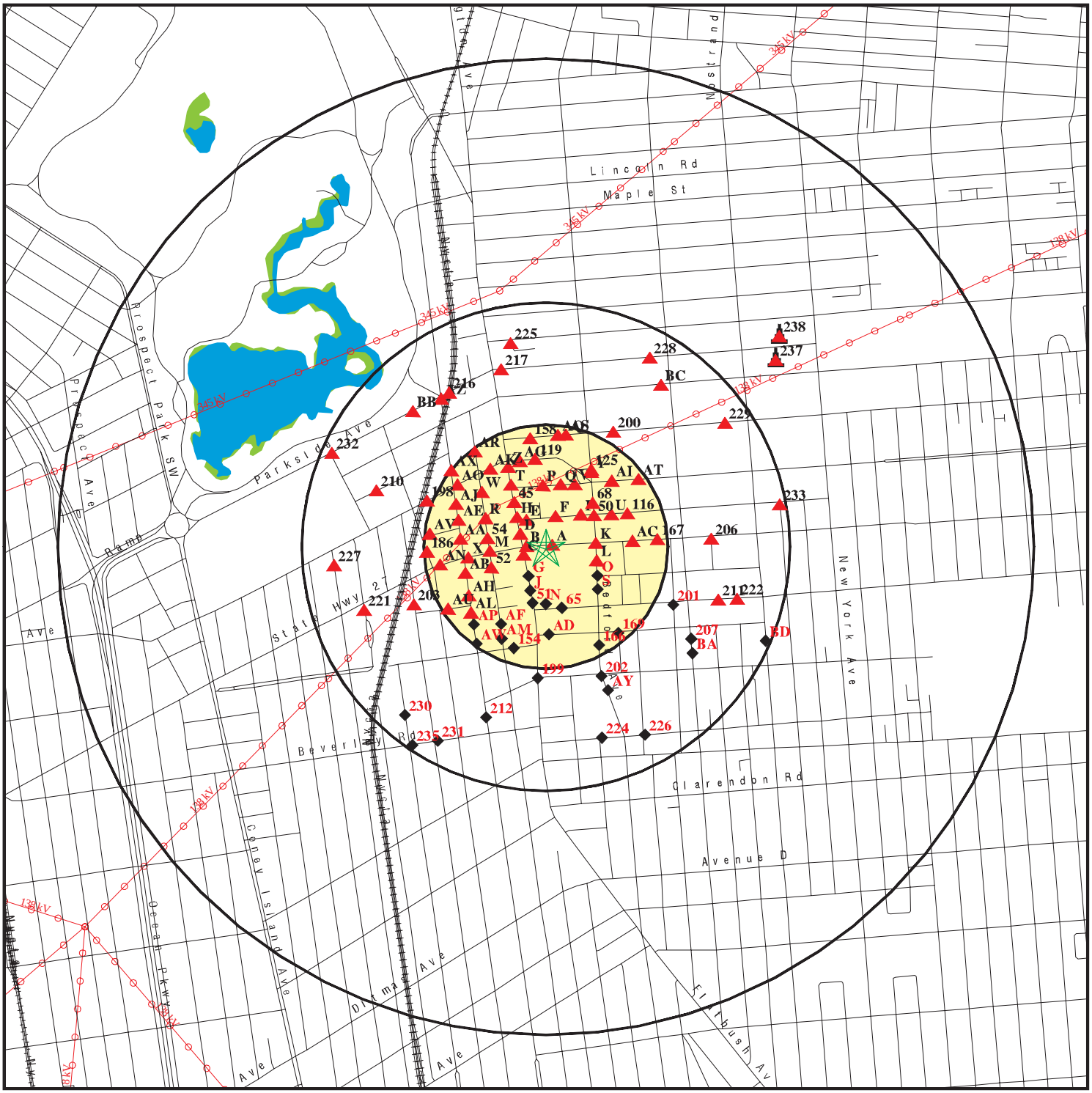
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FLATBUSH STATION B	NOSTRAND. CLARKSON. NEW	NE 1/2 - 1 (0.607 mi.)	237	713
FLATBUSH STATION A AND B	NOSTRAND AVE. WINTHROP	NE 1/2 - 1 (0.644 mi.)	238	714

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON CO OF N.Y INC.	MANIFEST
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON CO	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
CON EDISON OF NYC,INC.	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYSDOT BIN 2067889	RCRA-LQG
BELL ATLANTIC-NY	RCRA-NLR
MTA NYCT - FLATBUSH AVE D Q B LINE	FINDS,RCRA-NLR
NYCDEP - SHAFT 23	FINDS,RCRA-NLR
E 29TH ST & KINGS HWY	SPILLS,HIST SPILLS
BETW/AVE X &	SPILLS
POLE 69882	SPILLS
BOX 38486	SPILLS,HIST SPILLS
KINGS HIGHWAY MOBIL	SPILLS
205842; KINGS HWY	SPILLS

OVERVIEW MAP - 2987346.4s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

SITE NAME: 2242-2260 Church Avenue	CLIENT: Singer Environmental
ADDRESS: 2260 Church Avenue Brooklyn NY 11226	CONTACT: ERICA HOGAN
	INQUIRY #: 2987346.4s
LAT/LONG: 40.6504 / 73.9578	DATE: February 09, 2011 12:19 pm

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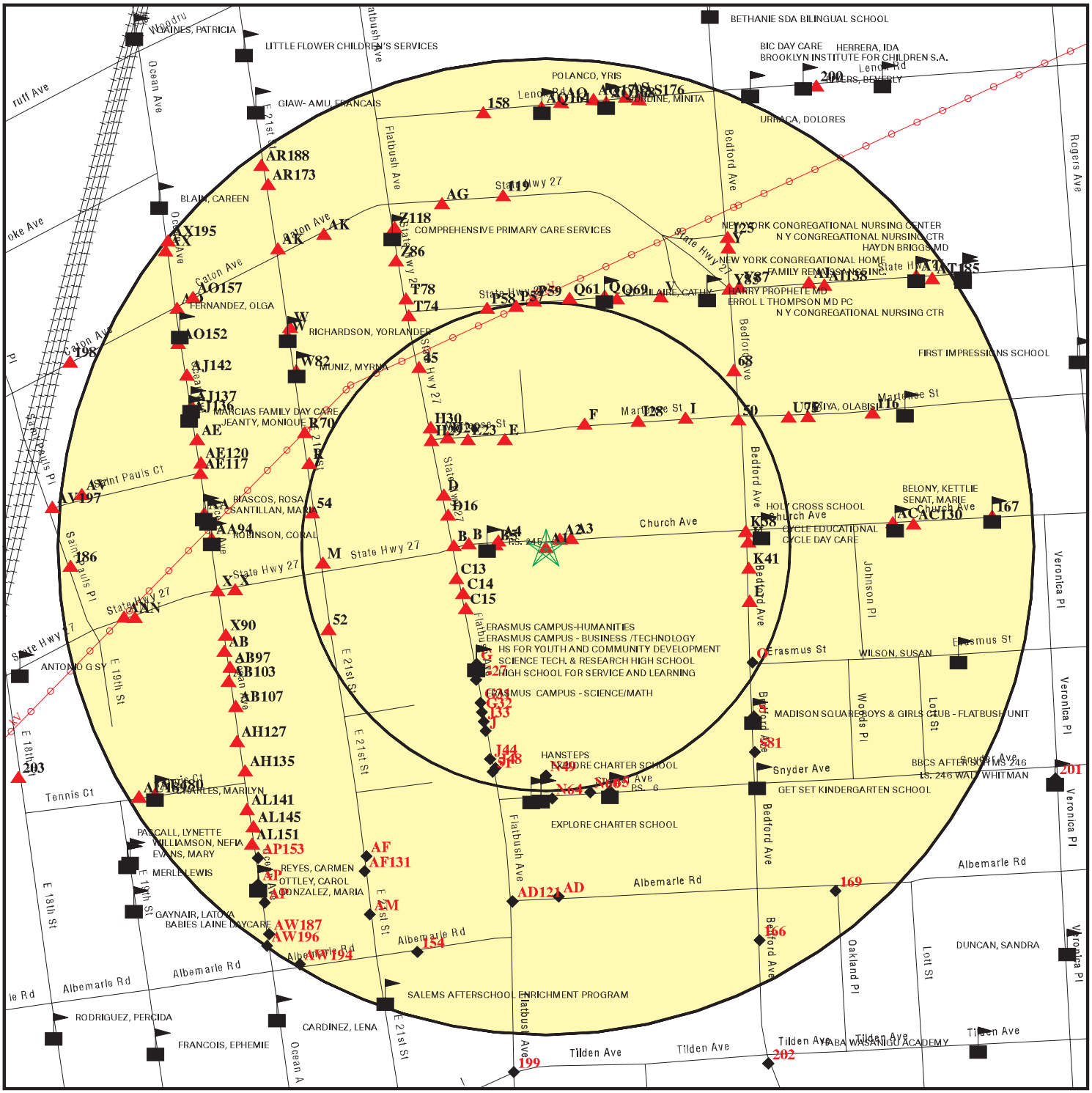
DETAIL MAP - 2987346.4s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

SITE NAME: 2242-2260 Church Avenue	CLIENT: Singer Environmental
ADDRESS: 2260 Church Avenue	CONTACT: ERICA HOGAN
Brooklyn NY 11226	INQUIRY #: 2987346.4s
LAT/LONG: 40.6504 / 73.9578	DATE: February 09, 2011 12:19 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	1	NR	NR	NR	1
RCRA-CESQG		0.250	1	2	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	0	0	0	NR	0
VAPOR REOPENED		1.000	0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LTANKS		0.500	5	24	39	NR	NR	68
HIST LTANKS		0.500	5	14	32	NR	NR	51
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	5	29	NR	NR	NR	34

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
AST		0.250	13	67	NR	NR	NR	80
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
CBS		0.250	0	0	NR	NR	NR	0
MOSF		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
RES DECL		0.125	0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
DEL SHWS		1.000	0	0	0	0	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST		0.250	5	26	NR	NR	NR	31
HIST AST		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
NY Spills		0.125	12	NR	NR	NR	NR	12
NY Hist Spills		0.125	9	NR	NR	NR	NR	9
Other Ascertainable Records								
RCRA-NonGen		0.250	5	5	NR	NR	NR	10
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
HSWDS		0.500	0	0	0	NR	NR	0
MANIFEST		0.250	5	8	NR	NR	NR	13
DRYCLEANERS		0.250	0	2	NR	NR	NR	2
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
E DESIGNATION	X	0.125	19	NR	NR	NR	NR	19
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	2	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **LOT 42,TAXBLOCK 5103**
2248 CHURCH AVENUE
BROOKLYN, NY 11226 | **E DESIGNATION** | **S109942577**
N/A

Site 1 of 4 in cluster A

Actual: 48 ft.

E DESIGNATION:

Tax Lot(s):	42
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K5
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ULL, RICHARD
Lot Area:	000023153
Total Building Floor Area:	00000004772
Commercial Floor Area:	00000004772
Office Floor Area:	00000000000
Retail Floor Area:	00000004772
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0171.42
Lot Depth:	0139.08
Building Frontage:	0048.00
Building Depth:	0098.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5

LOT 42,TAXBLOCK 5103 (Continued) **S109942577**

Basement Type Grade:	5
Land Assessed Value:	00000309150
Total Assessed Value:	00000417600
Land Exempt Value:	00000000000
Total Exempt Value:	00000108450
Year Built:	1993
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.21
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030042
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0996187
Y Coordinate:	0176155
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A2 **UNITED STATES POSTAL SERVICE/FLATBUSH STA** **AST** **A100300758**
ENE **2273 CHURCH AVE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.008 mi.
43 ft. **Site 2 of 4 in cluster A**

Relative:
Higher

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-452378
Program Type:	PBS
UTM X:	588161.74661999999
UTM Y:	4500444.4852400003
Expiration Date:	N/A

Affiliation Records:

Site Id:	19761
Affiliation Type:	On-Site Operator
Company Name:	UNITED STATES POSTAL SERVICE/FLATBUSH STA
Contact Type:	Not reported
Contact Name:	MR. BECKFORD
Address1:	Not reported
Address2:	Not reported
City:	Not reported

UNITED STATES POSTAL SERVICE/FLATBUSH STA (Continued) **A100300758**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 284-4900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19761
Affiliation Type:	Emergency Contact
Company Name:	UNITED STATES POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	IRA CHAPLAN MFLDM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 348-3593
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19761
Affiliation Type:	Owner
Company Name:	UNITED STATES POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1050 FORBELL STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11256-9998
Country Code:	001
Phone:	(718) 348-3602
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19761
Affiliation Type:	Mail Contact
Company Name:	UNITED STATES POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	POST MASTER
Address1:	BROOKLYN PROCESSING & DISTRIBUTION CTR.
Address2:	1050 FORBELL STREET
City:	BROOKLYN
State:	NY
Zip Code:	11256-9998
Country Code:	001

UNITED STATES POSTAL SERVICE/FLATBUSH STA (Continued) **A100300758**

Phone:	(718) 348-3602
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	35435
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/1935
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/1/1990
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Tank Number:	002
Tank Id:	49139
Tank Location:	1
Tank Type:	Fiberglass Coated Steel
Tank Status:	Tank Converted to Non-Regulated Use
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1990
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	8/1/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

A3
ENE
< 1/8
0.014 mi.
73 ft.

LOT 48,TAXBLOCK 5089
2281 CHURCH AVENUE
BROOKLYN, NY 11226

Site 3 of 4 in cluster A

Relative:
Higher

Actual:
49 ft.

E DESIGNATION **S109942625**
N/A

E DESIGNATION:

Tax Lot(s):	48
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK

LOT 48,TAXBLOCK 5089 (Continued) **S109942625**

Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	796
Census Block:	4002
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K2
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	GUYTURE CORP
Lot Area:	000006288
Total Building Floor Area:	00000011828
Commercial Floor Area:	00000011828
Office Floor Area:	00000000000
Retail Floor Area:	00000011828
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00008
Lot Frontage:	0063.92
Lot Depth:	0100.00
Building Frontage:	0062.83
Building Depth:	0095.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000062100
Total Assessed Value:	00000247050
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported

LOT 48,TAXBLOCK 5089 (Continued) **S109942625**

Built Floor Area Ratio-Far:	0001.88
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050890048
Condominium Number:	00000
Census Tract 2:	0796
X Coordinate:	0996429
Y Coordinate:	0176359
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A4
West
< 1/8
0.024 mi.
129 ft.

LOT 65,TAXBLOCK 5089 **E DESIGNATION** **S109942732**
2231 CHURCH AVENUE **N/A**
BROOKLYN, NY 11226

Site 4 of 4 in cluster A

Relative:
Equal

Actual:
48 ft.

E DESIGNATION:

Tax Lot(s):	65
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	796
Census Block:	4002
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0

LOT 65,TAXBLOCK 5089 (Continued) **S109942732**

Owner, Type of Code:	P
Owner Name:	2235 CHURCH AVENUE,
Lot Area:	000009605
Total Building Floor Area:	00000009742
Commercial Floor Area:	00000009742
Office Floor Area:	00000000000
Retail Floor Area:	00000009742
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0085.50
Lot Depth:	0113.17
Building Frontage:	0085.50
Building Depth:	0113.17
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000094500
Total Assessed Value:	00000355050
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.01
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050890065
Condominium Number:	00000
Census Tract 2:	0796
X Coordinate:	0996014
Y Coordinate:	0176345
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

B5 **LOT 36,TAXBLOCK 5103** **E DESIGNATION** **S109942496**
West **2228 CHURCH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.026 mi.
135 ft. **Site 1 of 8 in cluster B**

Relative:
Equal

Actual:
48 ft.

E DESIGNATION:

Tax Lot(s):	36
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	2230 CHURCH AVE REALT
Lot Area:	000013300
Total Building Floor Area:	00000013300
Commercial Floor Area:	00000013300
Office Floor Area:	00000000000
Retail Floor Area:	00000013300
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00004
Lot Frontage:	0100.67
Lot Depth:	0130.92
Building Frontage:	0100.67
Building Depth:	0130.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 36,TAXBLOCK 5103 (Continued) **S109942496**

Basement Type Grade:	5
Land Assessed Value:	00000131850
Total Assessed Value:	00000918000
Land Exempt Value:	00000000000
Total Exempt Value:	00000531000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030036
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0996031
Y Coordinate:	0176149
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	36
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2

LOT 36,TAXBLOCK 5103 (Continued) **S109942496**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	2230 CHURCH AVE REALT
Lot Area:	000013300
Total Building Floor Area:	00000013300
Commercial Floor Area:	00000013300
Office Floor Area:	00000000000
Retail Floor Area:	00000013300
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00004
Lot Frontage:	0100.67
Lot Depth:	0130.92
Building Frontage:	0100.67
Building Depth:	0130.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000131850
Total Assessed Value:	00000918000
Land Exempt Value:	00000000000
Total Exempt Value:	00000531000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030036
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0996031
Y Coordinate:	0176149
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 36,TAXBLOCK 5103 (Continued) **S109942496**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	36
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	2230 CHURCH AVE REALT
Lot Area:	000013300
Total Building Floor Area:	00000013300
Commercial Floor Area:	00000013300
Office Floor Area:	00000000000
Retail Floor Area:	00000013300
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00004
Lot Frontage:	0100.67
Lot Depth:	0130.92
Building Frontage:	0100.67
Building Depth:	0130.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5

LOT 36,TAXBLOCK 5103 (Continued) **S109942496**

Land Assessed Value:	00000131850
Total Assessed Value:	00000918000
Land Exempt Value:	00000000000
Total Exempt Value:	00000531000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030036
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0996031
Y Coordinate:	0176149
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

B6
West
< 1/8
0.039 mi.
207 ft.

Relative:
Equal

Actual:
48 ft.

LOT 32,TAXBLOCK 5103 **E DESIGNATION** **S109942454**
2210 CHURCH AVENUE **N/A**
BROOKLYN, NY 11226

Site 2 of 8 in cluster B

E DESIGNATION:

Tax Lot(s):	32
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported

LOT 32,TAXBLOCK 5103 (Continued) **S109942454**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	GUYANA RESTAURANT&BAK
Lot Area:	000006500
Total Building Floor Area:	00000011200
Commercial Floor Area:	00000011200
Office Floor Area:	00000000000
Retail Floor Area:	00000006500
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000004700
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0049.67
Lot Depth:	0130.50
Building Frontage:	0049.67
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000064800
Total Assessed Value:	00000434700
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1925
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.72
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030032
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995904
Y Coordinate:	0176145
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 32,TAXBLOCK 5103 (Continued) **S109942454**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	32
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	GUYANA RESTAURANT&BAK
Lot Area:	000006500
Total Building Floor Area:	00000011200
Commercial Floor Area:	00000011200
Office Floor Area:	00000000000
Retail Floor Area:	00000006500
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000004700
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0049.67
Lot Depth:	0130.50
Building Frontage:	0049.67

LOT 32,TAXBLOCK 5103 (Continued) **S109942454**

Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000064800
Total Assessed Value:	00000434700
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1925
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.72
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030032
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995904
Y Coordinate:	0176145
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	32
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported

LOT 32,TAXBLOCK 5103 (Continued) **S109942454**

Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	GUYANA RESTAURANT&BAK
Lot Area:	000006500
Total Building Floor Area:	00000011200
Commercial Floor Area:	00000011200
Office Floor Area:	00000000000
Retail Floor Area:	00000006500
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000004700
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0049.67
Lot Depth:	0130.50
Building Frontage:	0049.67
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000064800
Total Assessed Value:	00000434700
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1925
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.72
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030032
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995904
Y Coordinate:	0176145
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006

LOT 32,TAXBLOCK 5103 (Continued) **S109942454**

Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

B7
West
< 1/8
0.039 mi.
207 ft.

CITIBANK **LTANKS** **S102399509**
2210 CHURCH AVENUE **HIST LTANKS** **N/A**
BROOKLYN, NY

Site 3 of 8 in cluster B

Relative:
Equal

Actual:
48 ft.

LTANKS:

Site ID:	127629
Spill No:	9607194
Spill Date:	9/6/1996
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/26/1997
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	9/6/1996
CID:	266
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/6/1996
Spill Record Last Update:	2/26/1997
Spiller Name:	Not reported
Spiller Company:	CITIBANK
Spiller Address:	2210 CHURCH AVENUE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	110183
DEC Memo:	Not reported
Remarks:	TANK TO BE UNCOVERED, ISOLATED, AND RETESTED.

Material:

Site ID:	127629
Operable Unit ID:	1035164
Operable Unit:	01
Material ID:	346460

CITIBANK (Continued) **S102399509**

Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	127629
Spill Tank Test:	1544735
Tank Number:	001
Tank Size:	3000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

HIST LTANKS:

Region of Spill:	2
Spill Number:	9607194
Spill Date:	09/06/1996
Spill Time:	13:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	02/26/97
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	09/06/96
Reported to Department Time:	14:04
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	CITIBANK
Spiller Address:	2210 CHURCH AVENUE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /

CITIBANK (Continued) **S102399509**

Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/06/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/26/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 001
Tank Size: 3000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: This spill number was generated in response to an apparent tank test failure for the 2,500 gal 2 oil tank. It was determined that the problem was due to the 2-inch vent being corroded. The line was repaired, no contamination noted and subsequently the tank system passed on 12/4/96.
Spill Cause: TANK TO BE UNCOVERED, ISOLATED, AND RETESTED.

B8 **2211 CHURCH AVE ASSOCIATES, LLC.** **AST** **U003393638**
West **2211 CHURCH AVENUE** **HIST AST** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.040 mi.
209 ft. **Site 4 of 8 in cluster B**

Relative:
Equal

Actual:
48 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-340448
Program Type: PBS
UTM X: 588090.53668000002
UTM Y: 4500440.1398200002
Expiration Date: 2007/12/14

2211 CHURCH AVE ASSOCIATES, LLC. (Continued) **U003393638**

Affiliation Records:

Site Id:	16442
Affiliation Type:	On-Site Operator
Company Name:	2211 CHURCH AVE ASSOCIATES, LLC.
Contact Type:	Not reported
Contact Name:	SUMMERS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 462-1290
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16442
Affiliation Type:	Emergency Contact
Company Name:	2211 CHURCH AVE ASSOCIATES, LLC.
Contact Type:	Not reported
Contact Name:	SUMMERS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 462-1290
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16442
Affiliation Type:	Owner
Company Name:	2211 CHURCH AVE ASSOCIATES, LLC.
Contact Type:	MANAGER
Contact Name:	LEON LEBEMAN
Address1:	PO BOX 180451
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 972-7660
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/20/2007

Site Id:	16442
Affiliation Type:	Mail Contact

2211 CHURCH AVE ASSOCIATES, LLC. (Continued) **U003393638**

Company Name:	ABILENE, INC.
Contact Type:	Not reported
Contact Name:	SABI BONOMOLO
Address1:	2402 NEPTUNE AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	PA
Zip Code:	11224
Country Code:	001
Phone:	(718) 372-4210
Phone Ext:	Not reported
Email:	SABI@ABILENEINC.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/7/2007

Tank Info:

Tank Number:	001
Tank Id:	31600
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1929
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	6/20/2007

HIST AST:

PBS Number:	2-340448
SWIS Code:	6101
Operator:	SUMMERS
Facility Phone:	(718) 462-1290
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	SUMMERS
Emergency Tel:	(718) 462-1290
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	2211 CHURCH AVE ASSOCIATES, LLC.
Owner Address:	1274 49TH STREET
Owner City,St,Zip:	BROOKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 972-7660
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	SABI BONOMOLO

2211 CHURCH AVE ASSOCIATES, LLC. (Continued) **U003393638**

Mailing Name:	ABILENE, INC.
Mailing Address:	2402 NEPTUNE AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11224
Mailing Telephone:	(718) 372-4210
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	04/25/1995
Expiration:	12/14/1997
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	00
Overfill Protection:	04
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

B9 West < 1/8 0.041 mi. 217 ft. | **VAULT 2618**
2209 CHURCH AVE
BROOKLYN, NY

Site 5 of 8 in cluster B

NY Spills | **S103828193**
NY Hist Spills | **N/A**

Relative: Equal

Actual: 48 ft.

NY Spills:

Site ID:	279269
Facility Addr2:	Not reported
Facility ID:	9813842
Spill Number:	9813842
Facility Type:	ER
SWIS:	2401
Investigator:	CAENGELH
Referred To:	Not reported
Spill Date:	2/14/1999
Reported to Dept:	2/14/1999
CID:	322
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/21/2002
Remediation Phase:	0
Date Entered In Computer:	2/14/1999
Spill Record Last Update:	10/21/2002
Spiller Name:	UNKNOWN
Spiller Company:	UNKNOWN
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	UNKNOWN, NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	226766
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT" DEC inspector notes: 2/16/99: ERT Kessler - results <1 ppm PCBs. Field work in progress. passed pressure test. Oil did not enter sewer. Clean up complete. (CAE) e2mis no. 123-031: 2/14/99 - 1348HRS - S. FULLER #37342, SPLICER, EQUIP GROUP FOUND WHILE ON ROUTINE INSPECTIONS 1 QT. UNKNOWN OIL ON 50 GALS OF WATER. TRANSFORMER PRESSURE TESTED OKAY AND OIL LEVEL GOOD. SUMP PUMP IN STRUCTURE ALONG WITH SEWER CONNECTION. SUMP PUMP WAS NOT RUNNING WHEN HE ARRIVED AT SITE. DISABLED SUMP PUMP ON ARRIVAL. WILL TAKE PIPE APART TO CHECK IF LEAKED INTO THE SEWER . TOOK SAMPLE WITH 4 - 6 HR PRIORITY. BULLITT WILL PICK UP AT LOCATION. CHECKED TRANSF INFO READING 9PPM. INSTALLED ENV STOP TAG # 06561. UPDATE - 1451 HRS S. FULLER REPORTS OIL/SPILL DID NOT ENTER INTO THE SEWER. UPDATE 19.00 2/14/99 OIL SAMPLE RESULTS CALLED IN FROM LAB. MR.HENDRICKS FOR V261 LESS THEN 1 PPM PCB LAB SEQ. 99-01578. UPDATE: 2/17/99 - 1015 J. DELAROSA - 19655 - ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETE WITH SLIX AND TAG #06561 REMOVED. INCIDENT IS CLOSED.

VAULT 2618 (Continued) **S103828193**

Remarks: 1 qt of oil on 50 gal of water - transformer in vault cks ok and oil level in it is ok - unk source of oil - sample taken and clean up pending lab results con ed #123031

Material:

Site ID:	279269
Operable Unit ID:	1071387
Operable Unit:	01
Material ID:	310548
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9813842
Investigator:	ENGELHARDT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	02/14/1999 13:30
Reported to Dept Date/Time:	02/14/99 14:32
SWIS:	61
Spiller Name:	UNK
Spiller Contact:	UNK
Spiller Phone:	( ) -
Spiller Address:	UNK
Spiller City,St,Zip:	UNK
Spill Cause:	Unknown
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	12
Spill Notifier:	Affected Persons
PBS Number:	Not reported
Cleanup Ceased:	/ /

VAULT 2618 (Continued) **S103828193**

Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 02/14/99
Date Spill Entered In Computer Data File: Not reported
Update Date: 02/16/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: 1 qt of oil on 50 gal of water - transformer in vault cks ok and oil level in it is ok - unk source of oil - sample taken and clean up pending lab results con ed 123031

B10 **V2618** **RCRA-NonGen** **1007205760**
West **2209 CHURCH AVENUE** **MANIFEST** **NYP000943860**
< 1/8 **NEW YORK, NY 11218**
0.042 mi.
220 ft. **Site 6 of 8 in cluster B**

Relative:
Equal

Actual:
48 ft.

RCRA-NonGen:
Date form received by agency: 01/03/2001
Facility name: V2618
Facility address: 2209 CHURCH AVENUE
NEW YORK, NY 11218
EPA ID: NYP000943860
Mailing address: CONSOLIDATED EDISON INC.
4 IRVING PLACE -- ROOM 300
NEW YORK, NY 10003
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC.

V2618 (Continued) **1007205760**

NEW YORK, NY 10003
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: Unknown
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/02/2001
Facility name: V2618
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: V2618
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP000943860
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE0214582
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported

V2618 (Continued) **1007205760**

Generator Ship Date:	04/16/1999
Trans1 Recv Date:	04/16/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/16/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP000943860
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	GX3216
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01109
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

B11 **CITIBANK** **AST** **A100300780**
West **885 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.047 mi.
247 ft. **Site 7 of 8 in cluster B**

Relative:
Higher

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-602924
Program Type:	PBS
UTM X:	588073.58432999998
UTM Y:	4500436.0628899997
Expiration Date:	N/A

Affiliation Records:

Site Id:	24879
Affiliation Type:	Mail Contact
Company Name:	CITIBANK NA
Contact Type:	Not reported
Contact Name:	JOE FORTUNATO
Address1:	909 THIRD AVENUE
Address2:	18TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 559-8479
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/22/2006

Site Id:	24879
Affiliation Type:	Emergency Contact
Company Name:	CITIBANK NA
Contact Type:	Not reported

CITIBANK (Continued) **A100300780**

Contact Name:	JOE FORTUNATO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 615-9281
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/22/2006

Site Id:	24879
Affiliation Type:	Owner
Company Name:	CITIBANK NA
Contact Type:	TECHNICAL SUPPORT MANAGER
Contact Name:	JOSEPH FORTUNATO
Address1:	333 WEST 34 STREET, 5TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10001
Country Code:	001
Phone:	(212) 615-9281
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/22/2006

Site Id:	24879
Affiliation Type:	On-Site Operator
Company Name:	CITIBANK
Contact Type:	Not reported
Contact Name:	PHIL REZZA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-0730
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/22/2006

Tank Info:

Tank Number:	001
Tank Id:	52104
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place

CITIBANK (Continued) **A100300780**

Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2500
Tightness Test Method:	03
Date Test:	12/1/1996
Next Test Date:	Not reported
Date Tank Closed:	10/19/2006
Register:	True
Modified By:	NRLOMBAR
Last Modified:	11/22/2006

B12 **CHEMICAL BANK** **AST** **U003396294**
West **883 FLATBUSH AVENUE** **HIST AST** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.047 mi.
249 ft. **Site 8 of 8 in cluster B**

Relative:
Higher

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-601743
Program Type:	PBS
UTM X:	588072.68455000001
UTM Y:	4500441.1730800001
Expiration Date:	1999/02/04

Affiliation Records:

Site Id:	23705
Affiliation Type:	Mail Contact
Company Name:	C/O CHEMICAL BANK
Contact Type:	Not reported
Contact Name:	MR. NICK SAVILLA BRANCH F
Address1:	RETAIL FACILITIES MANAGEMENT
Address2:	GRAND CENTRAL STATION P.O. BOX 2735
City:	NEW YORK
State:	NY
Zip Code:	10163
Country Code:	001
Phone:	(212) 622-8955
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23705
Affiliation Type:	On-Site Operator
Company Name:	CHEMICAL BANK
Contact Type:	Not reported
Contact Name:	CHEMICAL BANK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

CHEMICAL BANK (Continued) **U003396294**

Phone:	(212) 622-0663
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23705
Affiliation Type:	Emergency Contact
Company Name:	CHEMICAL BANK
Contact Type:	Not reported
Contact Name:	MR. NICK SAVILLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 622-8955
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23705
Affiliation Type:	Owner
Company Name:	CHEMICAL BANK
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	P.O. BOX 2735
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10163
Country Code:	001
Phone:	(212) 622-8955
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I05 - Overfill - Vent Whistle
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None

Tank Info:

CHEMICAL BANK (Continued) **U003396294**

Tank Number:	001
Tank Id:	47650
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-601743
SWIS Code:	6101
Operator:	CHEMICAL BANK
Facility Phone:	(212) 622-0663
Facility Addr2:	883 FLATBUSH AVENUE
Facility Type:	OTHER
Emergency:	MR. NICK SAVILLA
Emergency Tel:	(212) 622-8955
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CHEMICAL BANK
Owner Address:	P.O. BOX 2735
Owner City,St,Zip:	NEW YORK, NY 10163
Federal ID:	Not reported
Owner Tel:	(212) 622-8955
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MR. NICK SAVILLA BRANCH F
Mailing Name:	C/O CHEMICAL BANK
Mailing Address:	RETAIL FACILITIES MANAGEMENT
Mailing Address 2:	GRAND CENTRAL STATION P.O. BOX 2735
Mailing City,St,Zip:	NEW YORK, NY 10163
Mailing Telephone:	(212) 622-8955
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/07/1994
Expiration:	02/04/1999
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing

CHEMICAL BANK (Continued) **U003396294**

Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Epoxy Liner
Pipe External:	1
Tank Containment:	Not reported
Leak Detection:	1
Overfill Protection:	6
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

C13 **LOT 20,TAXBLOCK 5102** **E DESIGNATION** **S109942325**
WSW **892 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.048 mi.
255 ft. **Site 1 of 3 in cluster C**

Relative:
Equal

Actual:
48 ft.

E DESIGNATION:

Tax Lot(s):	20
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070

LOT 20,TAXBLOCK 5102 (Continued) **S109942325**

Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	RAY CEN REALTY CORP
Lot Area:	000013215
Total Building Floor Area:	00000009240
Commercial Floor Area:	00000009240
Office Floor Area:	00000000000
Retail Floor Area:	00000009240
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00005
Lot Frontage:	0132.42
Lot Depth:	0099.92
Building Frontage:	0132.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000243900
Total Assessed Value:	00001273500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1925
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.70
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020020
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995663
Y Coordinate:	0175974
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602

LOT 20,TAXBLOCK 5102 (Continued) **S109942325**

E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

C14
WSW
< 1/8
0.049 mi.
256 ft.

LOT 26,TAXBLOCK 5103 **E DESIGNATION** **S109942386**
893 FLATBUSH AVENUE **N/A**
BROOKLYN, NY 11226

Site 2 of 3 in cluster C

Relative:
Equal

Actual:
48 ft.

E DESIGNATION:

Tax Lot(s):	26
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	897 FLATBUSH REALTY L
Lot Area:	000002080
Total Building Floor Area:	00000003600
Commercial Floor Area:	00000003600
Office Floor Area:	00000000000
Retail Floor Area:	00000003600
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000

LOT 26,TAXBLOCK 5103 (Continued) **S109942386**

Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0030.33
Lot Depth:	0086.25
Building Frontage:	0030.00
Building Depth:	0052.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000049500
Total Assessed Value:	00000145800
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.73
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030026
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995787
Y Coordinate:	0176123
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	26
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003

LOT 26,TAXBLOCK 5103 (Continued) **S109942386**

School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	897 FLATBUSH REALTY L
Lot Area:	000002080
Total Building Floor Area:	00000003600
Commercial Floor Area:	00000003600
Office Floor Area:	00000000000
Retail Floor Area:	00000003600
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0030.33
Lot Depth:	0086.25
Building Frontage:	0030.00
Building Depth:	0052.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000049500
Total Assessed Value:	00000145800
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.73
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030026
Condominium Number:	00000
Census Tract 2:	0794

LOT 26,TAXBLOCK 5103 (Continued) **S109942386**

X Coordinate:	0995787
Y Coordinate:	0176123
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	26
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	897 FLATBUSH REALTY L
Lot Area:	000002080
Total Building Floor Area:	00000003600
Commercial Floor Area:	00000003600
Office Floor Area:	00000000000
Retail Floor Area:	00000003600
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7

LOT 26,TAXBLOCK 5103 (Continued) **S109942386**

Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0030.33
Lot Depth:	0086.25
Building Frontage:	0030.00
Building Depth:	0052.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000049500
Total Assessed Value:	00000145800
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.73
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030026
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995787
Y Coordinate:	0176123
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

C15 **LOT 23,TAXBLOCK 5103** **E DESIGNATION** **S109942362**
SW **897 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.052 mi.
272 ft. **Site 3 of 3 in cluster C**

Relative:
Equal

Actual:
48 ft.

E DESIGNATION:

Tax Lot(s):	23
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a

LOT 23,TAXBLOCK 5103 (Continued) **S109942362**

Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	897 FLATBUSH REALTY L
Lot Area:	000004800
Total Building Floor Area:	00000009500
Commercial Floor Area:	00000009500
Office Floor Area:	00000000000
Retail Floor Area:	00000004800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000004700
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0043.67
Lot Depth:	0111.83
Building Frontage:	0043.50
Building Depth:	0060.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000114300
Total Assessed Value:	00000351000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	1996
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.98

LOT 23,TAXBLOCK 5103 (Continued) **S109942362**

Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030023
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995842
Y Coordinate:	0176098
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	23
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	897 FLATBUSH REALTY L
Lot Area:	000004800
Total Building Floor Area:	00000009500
Commercial Floor Area:	00000009500
Office Floor Area:	00000000000
Retail Floor Area:	00000004800

LOT 23,TAXBLOCK 5103 (Continued) **S109942362**

Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000004700
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0043.67
Lot Depth:	0111.83
Building Frontage:	0043.50
Building Depth:	0060.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000114300
Total Assessed Value:	00000351000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	1996
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.98
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030023
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995842
Y Coordinate:	0176098
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	23
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations

LOT 23,TAXBLOCK 5103 (Continued) **S109942362**

Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	897 FLATBUSH REALTY L
Lot Area:	000004800
Total Building Floor Area:	00000009500
Commercial Floor Area:	00000009500
Office Floor Area:	00000000000
Retail Floor Area:	00000004800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000004700
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0043.67
Lot Depth:	0111.83
Building Frontage:	0043.50
Building Depth:	0060.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000114300
Total Assessed Value:	00000351000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	1996
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.98
Maximum Allowable Far:	03.40

LOT 23,TAXBLOCK 5103 (Continued) **S109942362**

Borough Code:	3
Borough Tax Block And Lot:	3051030023
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995842
Y Coordinate:	0176098
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D16 **LOT 1,TAXBLOCK 5089** **E DESIGNATION** **S109942130**
WNW **877 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.053 mi.
278 ft. **Site 1 of 3 in cluster D**

Relative:
Higher

Actual:
49 ft.

E DESIGNATION:

Tax Lot(s):	1
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	796
Census Block:	4002
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	O6
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	MIDWOOD ACTIVITIES IN

LOT 1,TAXBLOCK 5089 (Continued) **S109942130**

Lot Area:	000006650
Total Building Floor Area:	00000010400
Commercial Floor Area:	00000010400
Office Floor Area:	00000010400
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0080.75
Lot Depth:	0088.75
Building Frontage:	0080.75
Building Depth:	0088.75
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000117000
Total Assessed Value:	00000275400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1914
Year Built Code:	Not reported
Year Altered1:	1973
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.56
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050890001
Condominium Number:	00000
Census Tract 2:	0796
X Coordinate:	0995769
Y Coordinate:	0176317
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	1
E-No:	E-233
Effective Date:	7/29/2009

LOT 1,TAXBLOCK 5089 (Continued) **S109942130**

Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	796
Census Block:	4002
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	O6
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	MIDWOOD ACTIVITIES IN
Lot Area:	000006650
Total Building Floor Area:	00000010400
Commercial Floor Area:	00000010400
Office Floor Area:	00000010400
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0080.75
Lot Depth:	0088.75
Building Frontage:	0080.75
Building Depth:	0088.75
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000117000
Total Assessed Value:	00000275400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1914
Year Built Code:	Not reported
Year Altered1:	1973

LOT 1,TAXBLOCK 5089 (Continued) **S109942130**

Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.56
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050890001
Condominium Number:	00000
Census Tract 2:	0796
X Coordinate:	0995769
Y Coordinate:	0176317
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	1
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	796
Census Block:	4002
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	O6
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	MIDWOOD ACTIVITIES IN
Lot Area:	000006650

LOT 1,TAXBLOCK 5089 (Continued) **S109942130**

Total Building Floor Area:	00000010400
Commercial Floor Area:	00000010400
Office Floor Area:	00000010400
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0080.75
Lot Depth:	0088.75
Building Frontage:	0080.75
Building Depth:	0088.75
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000117000
Total Assessed Value:	00000275400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1914
Year Built Code:	Not reported
Year Altered1:	1973
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.56
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050890001
Condominium Number:	00000
Census Tract 2:	0796
X Coordinate:	0995769
Y Coordinate:	0176317
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D17 **LOT 105,TAXBLOCK 5089** **E DESIGNATION** **S109942169**
WNW **873 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.059 mi.
310 ft. **Site 2 of 3 in cluster D**

Relative:
Higher

Actual:
49 ft.

E DESIGNATION:

Tax Lot(s):	105
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	796
Census Block:	4002
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	R7-1
Zone District 2:	C4-2
Commercial Overlay1:	C1-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C1-3/R7-1
All Components2:	C4-2
Split Boundary Indicator:	Y
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	873 FLATBUSH AVENUE
Lot Area:	000005602
Total Building Floor Area:	00000012806
Commercial Floor Area:	00000012806
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000010806
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0040.42
Lot Depth:	0154.33
Building Frontage:	0040.42
Building Depth:	0154.33
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5

LOT 105,TAXBLOCK 5089 (Continued) **S109942169**

Basement Type Grade:	5
Land Assessed Value:	00000099000
Total Assessed Value:	00000231750
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.29
Maximum Allowable Far:	03.44
Borough Code:	3
Borough Tax Block And Lot:	3050890105
Condominium Number:	00000
Census Tract 2:	0796
X Coordinate:	0995766
Y Coordinate:	0176380
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	105
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	796
Census Block:	4002
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	R7-1
Zone District 2:	C4-2
Commercial Overlay1:	C1-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C1-3/R7-1

LOT 105,TAXBLOCK 5089 (Continued) **S109942169**

All Components2:	C4-2
Split Boundary Indicator:	Y
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	873 FLATBUSH AVENUE
Lot Area:	000005602
Total Building Floor Area:	00000012806
Commercial Floor Area:	00000012806
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000010806
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0040.42
Lot Depth:	0154.33
Building Frontage:	0040.42
Building Depth:	0154.33
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000099000
Total Assessed Value:	00000231750
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.29
Maximum Allowable Far:	03.44
Borough Code:	3
Borough Tax Block And Lot:	3050890105
Condominium Number:	00000
Census Tract 2:	0796
X Coordinate:	0995766
Y Coordinate:	0176380
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 105,TAXBLOCK 5089 (Continued) **S109942169**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	105
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	796
Census Block:	4002
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	R7-1
Zone District 2:	C4-2
Commercial Overlay1:	C1-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C1-3/R7-1
All Components2:	C4-2
Split Boundary Indicator:	Y
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	873 FLATBUSH AVENUE
Lot Area:	000005602
Total Building Floor Area:	00000012806
Commercial Floor Area:	00000012806
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000010806
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0040.42
Lot Depth:	0154.33
Building Frontage:	0040.42
Building Depth:	0154.33
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5

LOT 105,TAXBLOCK 5089 (Continued) **S109942169**

Land Assessed Value:	00000099000
Total Assessed Value:	00000231750
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.29
Maximum Allowable Far:	03.44
Borough Code:	3
Borough Tax Block And Lot:	3050890105
Condominium Number:	00000
Census Tract 2:	0796
X Coordinate:	0995766
Y Coordinate:	0176380
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

E18
NNW
< 1/8
0.059 mi.
312 ft.

30 MARTENSE STREET **UST** **U004078559**
30 MARTENSE STREET **N/A**
BROOKLYN, NY 11218

Site 1 of 3 in cluster E

Relative:
Higher

Actual:
50 ft.

UST:

Facility Id:	2-604302
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2014/11/23
UTM X:	588124.81256999995
UTM Y:	4500531.0878900001

Affiliation Records:

Site Id:	26180
Affiliation Type:	Owner
Company Name:	30 MARTENSE STREET, LLC
Contact Type:	MANAGING AGENT
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY

30 MARTENSE STREET (Continued) **U004078559**

Zip Code:	11218
Country Code:	001
Phone:	(718) 965-1405
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/23/2004

Site Id:	26180
Affiliation Type:	Emergency Contact
Company Name:	30 MARTENSE STREET, LLC
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1405
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26180
Affiliation Type:	Mail Contact
Company Name:	30 MARTENSE STREET LLC
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 965-1405
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26180
Affiliation Type:	On-Site Operator
Company Name:	30 MARTENSE STREET
Contact Type:	Not reported
Contact Name:	PEDRO QUESADA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 941-0394

30 MARTENSE STREET (Continued) **U004078559**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/27/2009

Tank Info:

Site ID:	26180
Tank Number:	00100
Tank ID:	57326
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	7/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

E19 **30 MARTENSE STREET** **HIST UST** **U003712136**
NNW **30 MARTENSE STREET** **AST** **N/A**
< 1/8 **BROOKLYN, NY 11218** **HIST AST**
0.059 mi.
312 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
50 ft.

HIST UST:

PBS Number:	2-604302
SPDES Number:	Not reported
Emergency Contact:	THEODORE WEINBERGER
Emergency Telephone:	(718) 965-1405
Operator:	TIMOTHY BROWN
Operator Telephone:	(718) 693-5831
Owner Name:	30 MARTENSE STREET, LLC
Owner Address:	247 SEELEY STREET
Owner City,St,Zip:	BROOKLYN, NY 11218
Owner Telephone:	(718) 965-1405
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	30 MARTENSE STREET LLC
Mailing Address:	247 SEELEY STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11218
Mailing Contact:	THEODORE WEINBERGER
Mailing Telephone:	(718) 965-1405
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6101

30 MARTENSE STREET (Continued) **U003712136**

Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/07/2001
Expiration Date:	11/23/2004
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	00100
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge, Vent Whistle
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	07/01/2001
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604302
Program Type:	PBS
UTM X:	588124.81256999995
UTM Y:	4500531.0878900001

30 MARTENSE STREET (Continued) **U003712136**

Expiration Date: 2014/11/23

Affiliation Records:

Site Id: 26180
Affiliation Type: Owner
Company Name: 30 MARTENSE STREET, LLC
Contact Type: MANAGING AGENT
Contact Name: THEODORE WEINBERGER
Address1: 247 SEELEY STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11218
Country Code: 001
Phone: (718) 965-1405
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 11/23/2004

Site Id: 26180
Affiliation Type: Emergency Contact
Company Name: 30 MARTENSE STREET, LLC
Contact Type: Not reported
Contact Name: THEODORE WEINBERGER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 965-1405
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 26180
Affiliation Type: Mail Contact
Company Name: 30 MARTENSE STREET LLC
Contact Type: Not reported
Contact Name: THEODORE WEINBERGER
Address1: 247 SEELEY STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11218
Country Code: 001
Phone: (718) 965-1405
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 26180

30 MARTENSE STREET (Continued) **U003712136**

Affiliation Type:	On-Site Operator
Company Name:	30 MARTENSE STREET
Contact Type:	Not reported
Contact Name:	PEDRO QUESADA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 941-0394
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/27/2009

Tank Info:

Tank Number:	002
Tank Id:	61643
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/2001
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/27/2009

HIST AST:

PBS Number:	2-604302
SWIS Code:	6101
Operator:	TIMOTHY BROWN
Facility Phone:	(718) 693-5831
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	THEODORE WEINBERGER
Emergency Tel:	(718) 965-1405
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	30 MARTENSE STREET, LLC
Owner Address:	247 SEELEY STREET
Owner City,St,Zip:	BROOKLYN, NY 11218
Federal ID:	Not reported
Owner Tel:	(718) 965-1405
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported

30 MARTENSE STREET (Continued) **U003712136**

Mailing Contact:	THEODORE WEINBERGER
Mailing Name:	30 MARTENSE STREET LLC
Mailing Address:	247 SEELEY STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11218
Mailing Telephone:	(718) 965-1405
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/07/2001
Expiration:	11/23/2004
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	20010701
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	1
Tank Containment:	1A
Leak Detection:	9
Overfill Protection:	46
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

D20 **LOT 47,TAXBLOCK 5082** **E DESIGNATION** **S109942620**
WNW **874 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.061 mi.
319 ft. **Site 3 of 3 in cluster D**

Relative:
Higher

Actual:
49 ft.

E DESIGNATION:

Tax Lot(s):	47
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	508
Census Block:	2000
School District:	17
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K2
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	IG SECOND GENERATION
Lot Area:	000013900
Total Building Floor Area:	00000021550
Commercial Floor Area:	00000021550
Office Floor Area:	00000008800
Retail Floor Area:	00000012750
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00012
Lot Frontage:	0139.08
Lot Depth:	0100.00
Building Frontage:	0139.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3

LOT 47,TAXBLOCK 5082 (Continued) **S109942620**

Basement Type Grade:	5
Land Assessed Value:	00000437850
Total Assessed Value:	00001890000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1920
Year Built Code:	Not reported
Year Altered1:	1982
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.55
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050820047
Condominium Number:	00000
Census Tract 2:	0508
X Coordinate:	0995596
Y Coordinate:	0176309
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	47
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	508
Census Block:	2000
School District:	17
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2

LOT 47,TAXBLOCK 5082 (Continued) **S109942620**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K2
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	IG SECOND GENERATION
Lot Area:	000013900
Total Building Floor Area:	00000021550
Commercial Floor Area:	00000021550
Office Floor Area:	00000008800
Retail Floor Area:	00000012750
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00012
Lot Frontage:	0139.08
Lot Depth:	0100.00
Building Frontage:	0139.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000437850
Total Assessed Value:	00001890000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1920
Year Built Code:	Not reported
Year Altered1:	1982
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.55
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050820047
Condominium Number:	00000
Census Tract 2:	0508
X Coordinate:	0995596
Y Coordinate:	0176309
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 47,TAXBLOCK 5082 (Continued) **S109942620**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	47
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	508
Census Block:	2000
School District:	17
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K2
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	IG SECOND GENERATION
Lot Area:	000013900
Total Building Floor Area:	00000021550
Commercial Floor Area:	00000021550
Office Floor Area:	00000008800
Retail Floor Area:	00000012750
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00012
Lot Frontage:	0139.08
Lot Depth:	0100.00
Building Frontage:	0139.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5

LOT 47,TAXBLOCK 5082 (Continued) **S109942620**

Land Assessed Value:	00000437850
Total Assessed Value:	00001890000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1920
Year Built Code:	Not reported
Year Altered1:	1982
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.55
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050820047
Condominium Number:	00000
Census Tract 2:	0508
X Coordinate:	0995596
Y Coordinate:	0176309
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

F21 **45 MARTENCE ST** **LTANKS** **S102662785**
NNE **45 MARTENCE ST** **HIST LTANKS** **N/A**
< 1/8 **BROOKLYN, NY**
0.065 mi.
341 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
51 ft.

LTANKS:

Site ID:	79182
Spill No:	9611616
Spill Date:	12/23/1996
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/24/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	12/23/1996
CID:	297
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported

45 MARTENCE ST (Continued) **S102662785**

Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/23/1996
Spill Record Last Update:	2/24/2003
Spiller Name:	MIKE HEOFFONT
Spiller Company:	MYSTIC TRANSPORTTATION
Spiller Address:	1901 STEINWAY ST
Spiller City,St,Zip:	ASTORIA, NY 11105-
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	73611
DEC Memo:	Not reported
Remarks:	DRIVER OVERFILLED THE FUEL TANK IN AN APT BLDG - A CLEAN UP CREW IS ENROUTE TO LOCATION

Material:

Site ID:	79182
Operable Unit ID:	1039577
Operable Unit:	01
Material ID:	340274
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9611616
Spill Date:	12/23/1996
Spill Time:	09:30
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial

45 MARTENCE ST (Continued) **S102662785**

Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TOMASELLO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/23/96
Reported to Department Time:	09:59
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	MYSTIC TRANSPORTTATION
Spiller Address:	1901 STEINWAY ST
Spiller City,St,Zip:	ASTORIA, NY 11105-
Spiller Cleanup Date:	/ /
Facility Contact:	MIKE HEOFFONT
Facility Phone:	(718) 932-9075
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	12/23/96
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	01/06/97
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	10
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#6 FUEL OIL

45 MARTENCE ST (Continued) **S102662785**

Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: DRIVER OVERFILLED THE FUEL TANK IN AN APT BLDG - A CLEAN UP CREW IS ENROUTE TO LOCATION

F22 **45 MARTENSE ST** **LTANKS** **S103517582**
NNE **45 MARTENSE ST** **HIST LTANKS** **N/A**
< 1/8 **BROOKLYN, NY** **AST**
0.066 mi. **HIST AST**
349 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
51 ft.

LTANKS:
Site ID: 308132
Spill No: 9611619
Spill Date: 12/23/1996
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 2/24/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 12/23/1996
CID: 351
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/23/1996
Spill Record Last Update: 2/24/2003
Spiller Name: Not reported
Spiller Company: HESS
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: STEVE KING
Spiller Phone: (800) 437-7872
Spiller Extention: 6707
DEC Region: 2
DER Facility ID: 248846
DEC Memo: Not reported
Remarks: DRIVER OF TRUCK WAS MISDIRECTED TO THE WRONG ADDRESS FOR A DELIVERY AND OVERFILLED THE TANK - 3 GALLONS OUTSIDE OF BUILDING AND AN UNKNOWN QUANTITY IN THE TANK ROOM - CLEAN UP CREW ENROUTE

Material:
Site ID: 308132
Operable Unit ID: 1042982

45 MARTENSE ST (Continued) **S103517582**

Operable Unit:	01
Material ID:	340278
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9611619
Spill Date:	12/23/1996
Spill Time:	09:30
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TOMASELLO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/23/96
Reported to Department Time:	10:22
SWIS:	61
Spiller Contact:	STEVE KING
Spiller Phone:	(800) 437-7872
Spiller Extention:	6707
Spiller Name:	HESS
Spiller Address:	Not reported

45 MARTENSE ST (Continued) **S103517582**

Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: ( ) -
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/23/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/06/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: IN TANK ROOM AND OUTSIDE THRU VENT - SOMEONE CLEANING NOW. BETWEEN 50-75 GALLONS. HE ORDERED FUEL LAST WEEK. THEN THEY CAME AGAIN TODAY, BUT HE DIDN T ORDER AGAIN. ALBERT SAID HE IS ALWAYS THERE IF YOU WANT TO INSPECT THE CLEANUP.
Spill Cause: DRIVER OF TRUCK WAS MISDIRECTED TO THE WRONG ADDRESS FOR A DELIVERY AND OVERFILLED THE TANK - 3 GALLONS OUTSIDE OF BUILDING AND AN UNKNOWN QUANTITY IN THE TANK ROOM - CLEAN UP CREW ENROUTE

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-245534
Program Type: PBS
UTM X: 588153.38841999997
UTM Y: 4500532.9035400003
Expiration Date: 2012/07/07

Affiliation Records:

45 MARTENSE ST (Continued) **S103517582**

Site Id:	9558
Affiliation Type:	On-Site Operator
Company Name:	45 MARTENSE ST OWNERS CORP
Contact Type:	Not reported
Contact Name:	NOEL CRIGHTNEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 826-3271
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	5/10/2007

Site Id:	9558
Affiliation Type:	Owner
Company Name:	45 MARTENSE ST OWNERS CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	875 MAMARONECK AV
Address2:	Not reported
City:	MAMARONECK
State:	NY
Zip Code:	10543
Country Code:	001
Phone:	(914) 899-8000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9558
Affiliation Type:	Mail Contact
Company Name:	45 MARTENSE ST OWNERS CORP
Contact Type:	Not reported
Contact Name:	FREDERICK MEHLMAN
Address1:	875 MAMARONECK AV
Address2:	Not reported
City:	MAMARONECK
State:	NY
Zip Code:	10543
Country Code:	001
Phone:	(914) 899-8000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9558
Affiliation Type:	Emergency Contact
Company Name:	45 MARTENSE ST OWNERS CORP

45 MARTENSE ST (Continued) **S103517582**

Contact Type:	Not reported
Contact Name:	J R D MANAGEMENT CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(800) 371-5155
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	11624
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1936
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	5/10/2007

HIST AST:

PBS Number:	2-245534
SWIS Code:	6101
Operator:	CARLYLE PRESCOD
Facility Phone:	(718) 284-6701
Facility Addr2:	45 MARTENSE ST
Facility Type:	APARTMENT BUILDING
Emergency:	J R D MANAGEMENT CORP
Emergency Tel:	(914) 632-1975
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	45 MARTENSE ST OWNERS' CORP
Owner Address:	875 MAMARONECK AV
Owner City,St,Zip:	MAMARONECK, NY 10543
Federal ID:	Not reported
Owner Tel:	(914) 381-5420
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	RICHARD MURPHY
Mailing Name:	45 MARTENSE ST OWNERS' CORP

45 MARTENSE ST (Continued) **S103517582**

Mailing Address:	875 MAMARONECK AV
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MAMARONECK, NY 10543
Mailing Telephone:	(914) 381-5420
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/13/1997
Expiration:	07/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

E23 NW < 1/8 0.068 mi. 360 ft. | **MARTENSE REALTY CORP**
12 MARTENSE ST
BROOKLYN, NY 11226

AST **U003385493**
HIST AST **N/A**

Site 3 of 3 in cluster E

Relative: Higher

Actual: 50 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-109789
Program Type:	PBS
UTM X:	588082.04133000004
UTM Y:	4500526.0646299999
Expiration Date:	2007/07/05

Affiliation Records:

Site Id:	3322
Affiliation Type:	On-Site Operator
Company Name:	MARTENSE 12 LLC
Contact Type:	Not reported
Contact Name:	GEORGE VERGERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 604-6656
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3322
Affiliation Type:	Mail Contact
Company Name:	MARTENSE 12 LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5014 16TH AVE
Address2:	#257
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 851-4773
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3322
Affiliation Type:	Owner
Company Name:	MARTENSE 12 LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5014 16TH AVE #257
Address2:	Not reported

MARTENSE REALTY CORP (Continued) **U003385493**

City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 851-4773
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3322
Affiliation Type:	Emergency Contact
Company Name:	MARTENSE 12 LLC
Contact Type:	Not reported
Contact Name:	JOHN ZAMILLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 581-4773
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	7857
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-109789
SWIS Code:	6101
Operator:	JOSEPHINE S TRAYLOR
Facility Phone:	(718) 469-3908
Facility Addr2:	12 MARTENSE ST
Facility Type:	Not reported
Emergency:	JOSEPHINE S TRAYLOR

MARTENSE REALTY CORP (Continued) **U003385493**

Emergency Tel:	(718) 469-3908
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MARTENSE REALTY CORP
Owner Address:	183-05 147TH AVENUE
Owner City,St,Zip:	PRINGFIELD GARDENS, NY 11413-3714
Federal ID:	Not reported
Owner Tel:	(718) 469-3908
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	MARTENSE REALTY CORP.
Mailing Address:	183-05 147TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SPRINGFIELD GARDENS, NY 11413-3714
Mailing Telephone:	(718) 469-3908
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	06/26/1997
Expiration:	06/05/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported

MARTENSE REALTY CORP (Continued) **U003385493**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

G24
SSW
< 1/8
0.070 mi.
368 ft.

NYC BD OF ED-OLD ERASMUS HALL HSK **RCRA-CESQG** **1001215509**
911 FLATBUSH AVE **MANIFEST** **NYR000046334**
BROOKLYN, NY 11226

Site 1 of 5 in cluster G

Relative:
Lower

Actual:
47 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	NYC BD OF ED-OLD ERASMUS HALL HSK
Facility address:	911 FLATBUSH AVE BROOKLYN, NY 11226
EPA ID:	NYR000046334
Mailing address:	FLATBUSH AVE BROOKLYN, NY 11226
Contact:	BERNARD ORLAN
Contact address:	FLATBUSH AVE BROOKLYN, NY 11226
Contact country:	US
Contact telephone:	(718) 391-6475
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NYC BOARD OF EDUCATION
Owner/operator address:	2811 QUEENS PLZ N LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	(718) 391-6475
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

NYC BD OF ED-OLD ERASMUS HALL HSK (Continued) **1001215509**

Owner/operator name: NYC BOARD OF EDUCATION
Owner/operator address: 2811 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 391-6475
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYC BD OF ED-OLD ERASMUS HALL HSK
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/06/2002
Facility name: NYC BD OF ED-OLD ERASMUS HALL HSK
Classification: Small Quantity Generator

Date form received by agency: 11/18/1997
Facility name: NYC BD OF ED-OLD ERASMUS HALL HSK
Classification: Not a generator, verified

Date form received by agency: 10/27/1997
Facility name: NYC BD OF ED-OLD ERASMUS HALL HSK
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000046334
Country: USA
Mailing Name: ERASMUS HIGH SCHOOL
Mailing Contact: ERASMUS HIGH SCHOOL
Mailing Address: 30-30 THOMPSON AVE
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY

NYC BD OF ED-OLD ERASMUS HALL HSK (Continued) **1001215509**

Mailing Zip:	11101
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-472-8516

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	OHD980614374
Generator Ship Date:	2008-07-31
Trans1 Recv Date:	2008-07-31
Trans2 Recv Date:	2008-08-07
TSD Site Recv Date:	2008-08-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD048415665
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	08
Manifest Tracking Num:	003756168JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H040

Document ID:	NJA2279839
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	S50059
Trans2 State ID:	Not reported
Generator Ship Date:	971107
Trans1 Recv Date:	971107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971111
Part A Recv Date:	971125
Part B Recv Date:	971218
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	NJD986607380
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES

NYC BD OF ED-OLD ERASMUS HALL HSK (Continued) **1001215509**

Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00030
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	NJA2279839
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	S50059
Trans2 State ID:	Not reported
Generator Ship Date:	971107
Trans1 Recv Date:	971107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971111
Part A Recv Date:	971125
Part B Recv Date:	971218
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	NJD986607380
Trans2 EPA ID:	Not reported

NYC BD OF ED-OLD ERASMUS HALL HSK (Continued) **1001215509**

TSDF ID:	NJD002200046
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00300
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	NJA2279863
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	S50059
Trans2 State ID:	Not reported
Generator Ship Date:	971107
Trans1 Recv Date:	971107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971111
Part A Recv Date:	971125
Part B Recv Date:	971218
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	NJD986607380
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	F003 - UNKNOWN
Quantity:	00050
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYG3493782
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	09/11/2002
Trans1 Recv Date:	09/11/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/12/2002

NYC BD OF ED-OLD ERASMUS HALL HSK (Continued) **1001215509**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	PD1010NY
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00030
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00075
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	02

Document ID:	NYG3493791
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	09/11/2002
Trans1 Recv Date:	09/11/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/13/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	PD1010NY
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.

NYC BD OF ED-OLD ERASMUS HALL HSK (Continued) **1001215509**

Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	02

Document ID:	NYG3493809
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	09/11/2002
Trans1 Recv Date:	09/11/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/13/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	PD1010NY
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	02

Document ID:	NYG5207571

NYC BD OF ED-OLD ERASMUS HALL HSK (Continued) **1001215509**

Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	02/07/2005
Trans1 Recv Date:	02/07/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/09/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	62758JS
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00025
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NYG5206473
Manifest Status:	Not reported
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	09/24/2004
Trans1 Recv Date:	09/24/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/27/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	MAD985286988
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00014
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	04

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	OHD980614374
Generator Ship Date:	2008-07-31
Trans1 Recv Date:	2008-07-31
Trans2 Recv Date:	2008-08-07
TSD Site Recv Date:	2008-08-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

NYC BD OF ED-OLD ERASMUS HALL HSK (Continued) **1001215509**

Generator EPA ID:	NYR000046334
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD048415665
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	08
Manifest Tracking Num:	003756168JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H040

Document ID:	NYG5207571
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	02/07/2005
Trans1 Recv Date:	02/07/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/09/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000046334
Trans1 EPA ID:	62758JS
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00025
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2005

G25 SSW < 1/8 0.070 mi. 368 ft. | **ERAMUS HALL HIGH SCHOOL - K465** | **AST** | **U003394289**
911 FLATBUSH AVE | **HIST AST** | **N/A**
BROOKLYN, NY 11226

Site 2 of 5 in cluster G

Relative: Lower

Actual: 47 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-355593
Program Type:	PBS
UTM X:	588088.62684000004
UTM Y:	4500348.5706599997
Expiration Date:	2013/06/28

Affiliation Records:

Site Id:	17728
Affiliation Type:	Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	JAMES A. MERLO
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/2/2008

Site Id:	17728
Affiliation Type:	On-Site Operator
Company Name:	ERAMUS HALL HIGH SCHOOL
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/19/2008

Site Id:	17728
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	JAMES A. MERLO
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD

ERAMUS HALL HIGH SCHOOL - K465 (Continued) **U003394289**

City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	JMERLO@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/2/2008

Site Id:	17728
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/2/2010

Tank Info:

Tank Number:	001
Tank Id:	34688
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/14/1995
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	5/19/2008

Tank Number:	002
Tank Id:	34689
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/14/1995

ERAMUS HALL HIGH SCHOOL - K465 (Continued) **U003394289**

Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	5/19/2008

HIST AST:

PBS Number:	2-355593
SWIS Code:	6101
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	911 FLATBUSH AVE
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK C/O BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELLO NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/02/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	40000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001

ERAMUS HALL HIGH SCHOOL - K465 (Continued) **U003394289**

Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	01
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	01
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

H26 NW < 1/8 0.076 mi. 399 ft. | **KENT DRY CLEANERS**
5 MARTENSE ST
BROOKLYN, NY 11226 | **RCRA-NonGen FINDS MANIFEST** | **1000391373 NYD982274516**

Site 1 of 3 in cluster H

Relative: Higher

Actual: 50 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	KENT DRY CLEANERS
Facility address:	5 MARTENSE ST BROOKLYN, NY 112263205
EPA ID:	NYD982274516
Mailing address:	MARTENSE ST BROOKLYN, NY 11226
Contact:	Not reported
Contact address:	MARTENSE ST BROOKLYN, NY 11226
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste
Handler accessibilty indicator:	Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	KENT DRY CLEANERS
Classification:	Not a generator, verified
Date form received by agency:	07/08/1999
Facility name:	KENT DRY CLEANERS
Classification:	Not a generator, verified
Date form received by agency:	04/13/1993
Facility name:	KENT DRY CLEANERS
Classification:	Small Quantity Generator
Violation Status:	No violations found

KENT DRY CLEANERS (Continued) **1000391373**

FINDS:

Registry ID: 110004418210

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYD982274516
Country:	USA
Mailing Name:	KENT DRY CLNRS
Mailing Contact:	VICTOR HERRERA
Mailing Address:	5 MARTENSE ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11226
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-941-4788

Document ID:	NYC2403448
Manifest Status:	Completed copy
Trans1 State ID:	HW8207NY
Trans2 State ID:	Not reported
Generator Ship Date:	930719
Trans1 Recv Date:	930719
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930719
Part A Recv Date:	Not reported
Part B Recv Date:	930729
Generator EPA ID:	NYD982274516
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

G27 SSW < 1/8 0.077 mi. 405 ft. | **LOT 28,TAXBLOCK 5102 916 FLATBUSH AVENUE BROOKLYN, NY 11226** | **E DESIGNATION** | **S109942401 N/A**

Site 3 of 5 in cluster G

Relative: Lower

Actual: 46 ft.

E DESIGNATION:

Tax Lot(s):	28
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	916 FLATBUSH AVENUE
Lot Area:	000010400
Total Building Floor Area:	00000008340
Commercial Floor Area:	00000008340
Office Floor Area:	00000000000
Retail Floor Area:	00000008340
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00006
Lot Frontage:	0104.67
Lot Depth:	0100.00
Building Frontage:	0104.00
Building Depth:	0075.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5

LOT 28,TAXBLOCK 5102 (Continued) **S109942401**

Basement Type Grade:	5
Land Assessed Value:	00000355050
Total Assessed Value:	00001336500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.80
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020028
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995698
Y Coordinate:	0175793
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	28
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2

LOT 28,TAXBLOCK 5102 (Continued) **S109942401**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	916 FLATBUSH AVENUE
Lot Area:	000010400
Total Building Floor Area:	00000008340
Commercial Floor Area:	00000008340
Office Floor Area:	00000000000
Retail Floor Area:	00000008340
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00006
Lot Frontage:	0104.67
Lot Depth:	0100.00
Building Frontage:	0104.00
Building Depth:	0075.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000355050
Total Assessed Value:	00001336500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.80
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020028
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995698
Y Coordinate:	0175793
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 28,TAXBLOCK 5102 (Continued) **S109942401**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	28
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	916 FLATBUSH AVENUE
Lot Area:	000010400
Total Building Floor Area:	00000008340
Commercial Floor Area:	00000008340
Office Floor Area:	00000000000
Retail Floor Area:	00000008340
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00006
Lot Frontage:	0104.67
Lot Depth:	0100.00
Building Frontage:	0104.00
Building Depth:	0075.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5

LOT 28,TAXBLOCK 5102 (Continued) **S109942401**

Land Assessed Value:	00000355050
Total Assessed Value:	00001336500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.80
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020028
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995698
Y Coordinate:	0175793
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

I28
NE
< 1/8
0.080 mi.
423 ft.

MARTENSE ASSOCIATES **AST** **U003390699**
61 MARTENSE ST **HIST AST** **N/A**
BROOKLYN, NY 11226

Site 1 of 3 in cluster I

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-321699
Program Type:	PBS
UTM X:	588210.54012999998
UTM Y:	4500536.5348199997
Expiration Date:	2007/08/28

Affiliation Records:

Site Id:	14961
Affiliation Type:	Emergency Contact
Company Name:	MARTENSE REALTY
Contact Type:	Not reported
Contact Name:	POSITIVE HEATING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

MARTENSE ASSOCIATES (Continued) **U003390699**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 629-4000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14961
Affiliation Type:	On-Site Operator
Company Name:	MARTENSE ASSOCIATES
Contact Type:	Not reported
Contact Name:	KALLMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 692-1414
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14961
Affiliation Type:	Owner
Company Name:	MARTENSE REALTY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1371 CONEY ISLAND AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 692-1414
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14961
Affiliation Type:	Mail Contact
Company Name:	MARTENSE REALTY
Contact Type:	Not reported
Contact Name:	ESTIE
Address1:	1371 CONEY ISLAND AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 692-1414

MARTENSE ASSOCIATES (Continued) **U003390699**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	19837
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-321699
SWIS Code:	6101
Operator:	KALLMAN
Facility Phone:	(718) 692-1414
Facility Addr2:	61 MARTENSE ST
Facility Type:	APARTMENT BUILDING
Emergency:	KALLMAN
Emergency Tel:	(718) 692-1414
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MARTENSE REALTY
Owner Address:	1371 CONEY ISLAND AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11230
Federal ID:	Not reported
Owner Tel:	(718) 692-1414
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MR. PURTEZ
Mailing Name:	MARTENSE REALTY
Mailing Address:	1371 CONEY ISLAND AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11230
Mailing Telephone:	(718) 692-1414
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False

MARTENSE ASSOCIATES (Continued) **U003390699**

Certification Date:	08/04/1997
Expiration:	08/28/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	01
Tank Containment:	Not reported
Leak Detection:	Not reported
Overfill Protection:	04
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

H29 **CON ED** **NY Spills** **S109207144**
NW **MARTNES ST/ FLATBUSH AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.080 mi.
424 ft. **Site 2 of 3 in cluster H**

Relative:
Higher

Actual:
50 ft.

NY Spills:

Site ID:	402668
Facility Addr2:	Not reported
Facility ID:	0805550
Spill Number:	0805550
Facility Type:	ER
SWIS:	2401
Investigator:	asnagi
Referred To:	Not reported

CON ED (Continued) **S109207144**

Spill Date:	8/13/2008
Reported to Dept:	8/13/2008
CID:	408
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
Spill Closed Dt:	9/19/2008
Remediation Phase:	0
Date Entered In Computer:	8/13/2008
Spill Record Last Update:	9/19/2008
Spiller Name:	ERTSDESK
Spiller Company:	Not reported
Spiller Address:	MARTNES ST/ FLATBUSH AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	ERTSDESK
Contact Phone:	(212) 580-8383
DEC Region:	2
DER Facility ID:	351878
DEC Memo:	9/19/08 - See eDocs for Con Ed report detailing cleanup and closure.
Remarks:	off 72 hour clock due to the discovery of an earthen sump; REF# 213107;

Material:

Site ID:	402668
Operable Unit ID:	1159419
Operable Unit:	01
Material ID:	2150536
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

H30 NW < 1/8 0.085 mi. 449 ft. | **PRIVATE COLLECTIONS 859 FLATBUSH AVE BROOKLYN, NY** | **NY Spills** | **S102560262**
NY Hist Spills | **N/A**

Site 3 of 3 in cluster H

Relative: Higher

Actual: 51 ft.

NY Spills:

Site ID:	318605
Facility Addr2:	Not reported
Facility ID:	9613147
Spill Number:	9613147
Facility Type:	ER
SWIS:	2401
Investigator:	HRAHMED
Referred To:	Not reported
Spill Date:	2/5/1997
Reported to Dept:	2/5/1997
CID:	252
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt:	Not Closed
Remediation Phase:	1
Date Entered In Computer:	2/5/1997
Spill Record Last Update:	3/10/2008
Spiller Name:	HOWARD SMITH
Spiller Company:	PRIVATE COLLECTIONS
Spiller Address:	859 FLATBUSH AVE
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller Company:	001
Contact Name:	HOWARD SMITH
Contact Phone:	(718) 287-3463
DEC Region:	2
DER Facility ID:	256820
DEC Memo:	Transferred to C.O. - no action taken Spill transferred back to Region 2 3/10/08 - Austin - Spill assigned to Ahmed for followup - end Not reported
Remarks:	CALLER STATES OIL LEAKING THRU CEMENT FOUNDATION CAUSING AN UNBEARABLE ODOR OF FUEL OIL MAKING RESIDENTS SICK-REQ CALL BACK FROM A DEC REP**********

Material:

Site ID:	318605
Operable Unit ID:	1044674
Operable Unit:	01
Material ID:	341794
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons

PRIVATE COLLECTIONS (Continued) **S102560262**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 9613147
Investigator: SIGONA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 02/05/1997 18:00
Reported to Dept Date/Time: 02/05/97 18:45
SWIS: 61
Spiller Name: PRIVATE COLLECTIONS
Spiller Contact: HOWARD SMITH
Spiller Phone: (718) 287-3463
Spiller Contact: HOWARD SMITH
Spiller Phone: (718) 287-3463
Spiller Address: 859 FLATBUSH AVE
Spiller City,St,Zip: BROOKLYN
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 02
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /

PRIVATE COLLECTIONS (Continued) **S102560262**

Date Spill Entered In Computer Data File: 02/05/97
Date Spill Entered In Computer Data File: Not reported
Update Date: 10/24/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: ALEX CALLED MR.SMITH LAST NIGHT. HE BELIEVES THERE ARE LEAKING PIPES FROM AN UNDERGROUND TANK NEXT DOOR. ITS A COMMERCIAL BUILDING. MR. SMITH RENTS THE SPACE FOR 6 MONTHS. OIL TANK IS LOCATED IN THE BASEMENT. THE OWNER DOESN T USE THE TANK SINCEHE CONVERTED TO GAS 6 YEARS AGO THE TANK IS ABOVE THE GROUND. FRESH OIL CAN BE OBSERVED ON THE WALLS. BETWEEN CHURCH LINDEN 12:30-8:00 MR. SMITH IS ON THE PROPERTY. 9613147
Remark: CALLER STATES OIL LEAKING THRU CEMENT FOUNDATION CAUSING AN UNBEARABLE ODOR OF FUEL OIL MAKING RESIDENTS SICK-REQ CALL BACK FROM A DEC REP**********

G31 **LOT 33,TAXBLOCK 5102** **E DESIGNATION** **S109942464**
SSW **922 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.087 mi.
457 ft. **Site 4 of 5 in cluster G**

Relative:
Lower

Actual:
46 ft.

E DESIGNATION:
Tax Lot(s): 33
E-No: E-233
Effective Date: 7/29/2009
Satisfaction Date: Not reported
Ceqr Number: 09DCP058K
Ulurp Number: 090336ZMK
Zoning Map No: 16d 17b 22c 23a
Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code: BK
Community District: 314
Census Tract: 510
Census Block: 1000
School District: 22
City Council District: 40
Fire Company: L147
Health Area: 35
Police Precinct: 070
Zone District 1: C4-2

LOT 33,TAXBLOCK 5102 (Continued) **S109942464**

Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	922 FLATBUSH REALTY L
Lot Area:	000004000
Total Building Floor Area:	00000006800
Commercial Floor Area:	00000006800
Office Floor Area:	00000000000
Retail Floor Area:	00000006800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00003
Lot Frontage:	0040.00
Lot Depth:	0100.00
Building Frontage:	0040.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000095400
Total Assessed Value:	00000288900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1935
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.70
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020033
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995745
Y Coordinate:	0175727
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported

LOT 33,TAXBLOCK 5102 (Continued) **S109942464**

Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	33
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	922 FLATBUSH REALTY L
Lot Area:	000004000
Total Building Floor Area:	00000006800
Commercial Floor Area:	00000006800
Office Floor Area:	00000000000
Retail Floor Area:	00000006800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00003
Lot Frontage:	0040.00
Lot Depth:	0100.00

LOT 33,TAXBLOCK 5102 (Continued) **S109942464**

Building Frontage:	0040.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000095400
Total Assessed Value:	00000288900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1935
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.70
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020033
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995745
Y Coordinate:	0175727
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	33
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported

LOT 33,TAXBLOCK 5102 (Continued) **S109942464**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	922 FLATBUSH REALTY L
Lot Area:	000004000
Total Building Floor Area:	00000006800
Commercial Floor Area:	00000006800
Office Floor Area:	00000000000
Retail Floor Area:	00000006800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00003
Lot Frontage:	0040.00
Lot Depth:	0100.00
Building Frontage:	0040.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000095400
Total Assessed Value:	00000288900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1935
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.70
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020033
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995745
Y Coordinate:	0175727
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 33,TAXBLOCK 5102 (Continued) **S109942464**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

G32
SSW
< 1/8
0.091 mi.
479 ft.

RESIDENCE **NY Spills** **S106737241**
924 FLATBUSH AVE **N/A**
BROOKLYN, NY

Site 5 of 5 in cluster G

Relative:
Lower

Actual:
45 ft.

NY Spills:

Site ID:	337072
Facility Addr2:	Not reported
Facility ID:	0411791
Spill Number:	0411791
Facility Type:	ER
SWIS:	2401
Investigator:	CESAWYER
Referred To:	Not reported
Spill Date:	2/3/2005
Reported to Dept:	2/3/2005
CID:	408
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/18/2005
Remediation Phase:	0
Date Entered In Computer:	2/3/2005
Spill Record Last Update:	3/18/2005
Spiller Name:	MATTHEW SACIANO
Spiller Company:	HEATING OIL PARTNERS
Spiller Address:	2125 MILL AVE.
Spiller City,St,Zip:	BROOKLYN, NY 11234
Spiller Company:	001
Contact Name:	MR. SAYED ELSEBAI
Contact Phone:	(718) 856-2868
DEC Region:	2
DER Facility ID:	272416
DEC Memo:	2/7/05 - Sawyer - Small spill from a hole in the fill line. Dennis from Madison Oil is doing the small clean up. Store owner must verify that clean up is completed. 03/18/05 - Sawyer - Cleanup has been verified properly cleaned by the owner of the store in the building by Mr. Sayed. Closed.
Remarks:	While oil was being delivered, there was a hole in the fill ilne where the union is. The material leaked underneath the piping going to the

RESIDENCE (Continued) **S106737241**

tank in the basement. clean up is in process.

Material:

Site ID:	337072
Operable Unit ID:	1099055
Operable Unit:	01
Material ID:	579384
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	4
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

J33 **LOT 35,TAXBLOCK 5102** **E DESIGNATION** **S109942485**
SSW **926 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.095 mi.
501 ft. **Site 1 of 5 in cluster J**

Relative:
Lower

Actual:
45 ft.

E DESIGNATION:

Tax Lot(s):	35
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported

LOT 35,TAXBLOCK 5102 (Continued) **S109942485**

Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	TAWIL, OLGA
Lot Area:	000002000
Total Building Floor Area:	00000004200
Commercial Floor Area:	00000004200
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000002200
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0020.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000047250
Total Assessed Value:	00000153000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.10
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020035
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995714
Y Coordinate:	0175692
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005

LOT 35,TAXBLOCK 5102 (Continued) **S109942485**

Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	35
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	TAWIL, OLGA
Lot Area:	000002000
Total Building Floor Area:	00000004200
Commercial Floor Area:	00000004200
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000002200
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0020.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0055.00
Proximity Code:	0

LOT 35,TAXBLOCK 5102 (Continued) **S109942485**

Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000047250
Total Assessed Value:	00000153000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.10
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020035
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995714
Y Coordinate:	0175692
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	35
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported

LOT 35,TAXBLOCK 5102 (Continued) **S109942485**

Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	TAWIL, OLGA
Lot Area:	000002000
Total Building Floor Area:	00000004200
Commercial Floor Area:	00000004200
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000002200
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0020.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000047250
Total Assessed Value:	00000153000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.10
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020035
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995714
Y Coordinate:	0175692
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005

LOT 35,TAXBLOCK 5102 (Continued) **S109942485**

Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

I34 **75 MARTENSE STREET** **UST** **U004077327**
NE **75 MARTENSE STREET** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.098 mi.
516 ft. **Site 2 of 3 in cluster I**

Relative:
Higher

Actual:
51 ft.

UST:

Facility Id:	2-267147
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/08/17
UTM X:	588260.54787000001
UTM Y:	4500539.7121900003

Affiliation Records:

Site Id:	11074
Affiliation Type:	Owner
Company Name:	70 LINDEN REALTY LLC
Contact Type:	MANAGING AGENT
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 965-1500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/12/2007

Site Id:	11074
Affiliation Type:	Mail Contact
Company Name:	70 LINDEN REALTY LLC
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 965-1495
Phone Ext:	Not reported
Email:	MEHMETK@DSGMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/12/2007

75 MARTENSE STREET (Continued) **U004077327**

Site Id:	11074
Affiliation Type:	On-Site Operator
Company Name:	75 MARTENSE STREET
Contact Type:	Not reported
Contact Name:	LOUIS ROSAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11074
Affiliation Type:	Emergency Contact
Company Name:	70 LINDEN REALTY LLC
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1495
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
G05 - Tank Secondary Containment - Synthetic Liner
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Info:

Site ID:	11074
Tank Number:	001
Tank ID:	18248
Tank Status:	Closed - In Place

75 MARTENSE STREET (Continued) **U004077327**

Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	7/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	9/1/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

I35 **75 MARTENSE STREET** **HIST UST** **U003241814**
NE **75 MARTENSE STREET** **AST** **N/A**
< 1/8 **BKLYN, NY 11226** **HIST AST**
0.098 mi.
516 ft. **Site 3 of 3 in cluster I**

Relative:
Higher

Actual:
51 ft.

HIST UST:

PBS Number:	2-267147
SPDES Number:	Not reported
Emergency Contact:	THEODORE WEINBERGER
Emergency Telephone:	(718) 965-1495
Operator:	MARNOLD VENEGAS
Operator Telephone:	(718) 965-1500
Owner Name:	70 LINDEN REALTY CO
Owner Address:	247 SEELEY ST
Owner City,St,Zip:	BROOKLYN, NY 11226
Owner Telephone:	(718) 965-1500
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	70 LINDEN REALTY CO.
Mailing Address:	247 SEELEY STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11218
Mailing Contact:	THEODORE WEINBERGER
Mailing Telephone:	(718) 965-1495
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	75 MARTENSE STREET
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/07/2001
Expiration Date:	08/17/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True

75 MARTENSE STREET (Continued) **U003241814**

Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge, Vent Whistle
Dispenser:	Suction
Date Tested:	09/01/1998
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	07/01/2001
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-267147
Program Type:	PBS
UTM X:	588260.54787000001
UTM Y:	4500539.7121900003
Expiration Date:	2012/08/17

Affiliation Records:

Site Id:	11074
Affiliation Type:	Owner
Company Name:	70 LINDEN REALTY LLC
Contact Type:	MANAGING AGENT
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226

75 MARTENSE STREET (Continued) **U003241814**

Country Code:	001
Phone:	(718) 965-1500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/12/2007

Site Id:	11074
Affiliation Type:	Mail Contact
Company Name:	70 LINDEN REALTY LLC
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 965-1495
Phone Ext:	Not reported
Email:	MEHMETK@DSGMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/12/2007

Site Id:	11074
Affiliation Type:	On-Site Operator
Company Name:	75 MARTENSE STREET
Contact Type:	Not reported
Contact Name:	LOUIS ROSAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11074
Affiliation Type:	Emergency Contact
Company Name:	70 LINDEN REALTY LLC
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1495
Phone Ext:	Not reported

75 MARTENSE STREET (Continued) **U003241814**

Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
G05 - Tank Secondary Containment - Synthetic Liner
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Info:

Tank Number:	002
Tank Id:	61645
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/2001
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	6/12/2007

HIST AST:

PBS Number:	2-267147
SWIS Code:	6101
Operator:	MARNOLD VENEGAS
Facility Phone:	(718) 965-1500
Facility Addr2:	75 MARTENSE STREET
Facility Type:	APARTMENT BUILDING
Emergency:	THEODORE WEINBERGER
Emergency Tel:	(718) 965-1495
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	70 LINDEN REALTY CO
Owner Address:	247 SEELEY ST
Owner City,St,Zip:	BROOKLYN, NY 11226
Federal ID:	Not reported
Owner Tel:	(718) 965-1500

75 MARTENSE STREET (Continued) **U003241814**

Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	THEODORE WEINBERGER
Mailing Name:	70 LINDEN REALTY CO.
Mailing Address:	247 SEELEY STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11218
Mailing Telephone:	(718) 965-1495
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/07/2001
Expiration:	08/17/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	20010701
Capacity (Gal):	3000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	1
Tank Containment:	1A
Leak Detection:	9
Overfill Protection:	46
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

J36 SSW < 1/8 0.099 mi. 524 ft. | **LOT 36,TAXBLOCK 5102 928 FLATBUSH AVENUE BROOKLYN, NY 11226** | **E DESIGNATION** | **S109942495 N/A**

Site 2 of 5 in cluster J

Relative: Lower

Actual: 45 ft.

E DESIGNATION:

Tax Lot(s):	36
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	928 FLATBUSH CORP
Lot Area:	000002000
Total Building Floor Area:	00000004100
Commercial Floor Area:	00000004100
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000002100
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0020.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 36,TAXBLOCK 5102 (Continued) **S109942495**

Basement Type Grade:	5
Land Assessed Value:	00000047250
Total Assessed Value:	00000216900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.05
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020036
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995752
Y Coordinate:	0175677
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	36
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2

LOT 36,TAXBLOCK 5102 (Continued) **S109942495**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	928 FLATBUSH CORP
Lot Area:	000002000
Total Building Floor Area:	00000004100
Commercial Floor Area:	00000004100
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000002100
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0020.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000047250
Total Assessed Value:	00000216900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.05
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020036
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995752
Y Coordinate:	0175677
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 36,TAXBLOCK 5102 (Continued) **S109942495**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	36
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	928 FLATBUSH CORP
Lot Area:	000002000
Total Building Floor Area:	00000004100
Commercial Floor Area:	00000004100
Office Floor Area:	00000000000
Retail Floor Area:	00000002000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000002100
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0020.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5

LOT 36,TAXBLOCK 5102 (Continued) **S109942495**

Land Assessed Value:	00000047250
Total Assessed Value:	00000216900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.05
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020036
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995752
Y Coordinate:	0175677
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

J37 **LOT 8,TAXBLOCK 5103** **E DESIGNATION** **S109942778**
SSW **929 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.100 mi.
530 ft. **Site 3 of 5 in cluster J**

Relative:
Lower

Actual:
45 ft.

E DESIGNATION:

Tax Lot(s):	8
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported

LOT 8,TAXBLOCK 5103 (Continued) **S109942778**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	WALL STREET FAMILY SE
Lot Area:	000028900
Total Building Floor Area:	00000045000
Commercial Floor Area:	00000045000
Office Floor Area:	00000000000
Retail Floor Area:	00000020000
Garage Floor Area:	00000000000
Storage Floor Area:	00000025000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00006
Lot Frontage:	0064.00
Lot Depth:	0305.00
Building Frontage:	0064.08
Building Depth:	0278.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000394650
Total Assessed Value:	00000774000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1920
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.56
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030008
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0996012
Y Coordinate:	0175733
Zoning Map:	22C
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 8,TAXBLOCK 5103 (Continued) **S109942778**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

K38 East < 1/8 0.103 mi. 543 ft. | **VEH #60643 LEAKED HYDRAULIC FLUID BEDFORD AVE & CHURCH AVENUE BROOKLYN, NY** | **NY Spills** | **S107787289 N/A**

Site 1 of 4 in cluster K

Relative: Higher

Actual: 49 ft.

NY Spills:

Site ID:	362468
Facility Addr2:	Not reported
Facility ID:	0600473
Spill Number:	0600473
Facility Type:	ER
SWIS:	2401
Investigator:	GDBREEN
Referred To:	Not reported
Spill Date:	4/12/2006
Reported to Dept:	4/12/2006
CID:	444
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/15/2006
Remediation Phase:	0
Date Entered In Computer:	4/12/2006
Spill Record Last Update:	6/12/2006
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON VEH 60643
Spiller Address:	BEDFORD / CHURCH
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Region:	2
DER Facility ID:	312731
DEC Memo:	05/15/06 - See e-docs for Con Ed report detailing cleanup and closure. 05/15/06 - See e-docs for Con Ed report detailing cleanup and closure. 163749. TRANSPORTATION MECHANIC CHARLES WISHER, EMPLOYEE NO 43664, ON LOCATION, RESPONDING TO A VEHICLE BREAKDOWN, ON W/S BEDFORD AVENUE, 260' S/O CHURCH AVE, WITH B/Q/ EQUIPMENT GROUP, REPORTS APPX 1 GALLON OF HYDRAULIC FLUID FROM VEHICLE 60643 ONTO ASPHALT AT THAT LOCATION. NO FIRE OR SMOKE INVOLVED, NO INJURIES

VEH #60643 LEAKED HYDRAULIC FLUID (Continued) **S107787289**

RELATED TO THE SPILL, NO SEWERS, WATERWAYS OR PRIVATE PROPERTY AFFECTED, SPILL IS CONTAINED TO THE AREA OF THE VEHICLE. MR WISHER REPORTS THE SOURCE WAS OVERFLOW FROM A FILLER CAP. HE HAS DRAINED A PORTION OF THE FLUID TO LOWER THE LEVEL AND SEALED THE CAP. THE LEAK HAS STOPPED. AT THIS TIME THEY ARE DIAPERING THE SPILL, AND UTILIZING ABSORB-ALL FOR THE RESIDUAL. MR. WISHER WILL UPDATE WHEN THE CLEANUP IS COMPLETE. BORCHERDINGC 12-APR-2006 1335HRS. WISHER REPORTS CLEANUP STILL IN PROGRESS, AWAITING PARTS ON LOCATION, TO BE TAKEN OFF THE 2HR DEMINIMIS PROGRAM. BORCHERDINGC

Remarks: hose broke , clean up pending: and repaired: coned # 163749

Material:

Site ID:	362468
Operable Unit ID:	1120577
Operable Unit:	01
Material ID:	2110064
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

K39 **2193 BEDFORD AVENUE** **RCRA-NonGen** **1001090486**
East **2193 BEDFORD AVE** **FINDS** **NYU005000476**
< 1/8 **BROOKLYN, NY 11226** **LTANKS**
0.104 mi. **HIST LTANKS**
547 ft. **Site 2 of 4 in cluster K**

Relative:
Higher

Actual:
49 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	2193 BEDFORD AVENUE
Facility address:	2193 BEDFORD AVE BROOKLYN, NY 11226
EPA ID:	NYU005000476
Mailing address:	JERICHO TNPK JERICHO, NY 11753
Contact:	JOSEPH MELNICK
Contact address:	JERICHO TNPK JERICHO, NY 11753
Contact country:	US
Contact telephone:	(718) 284-2095

2193 BEDFORD AVENUE (Continued) **1001090486**

Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: INTREPID MAINTENANCE CORP
Owner/operator address: 55 JERICHO TNPK
JERICHO, NY 11753
Owner/operator country: US
Owner/operator telephone: (516) 997-9300
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BILL WOLF PETROLEUM CORP
Owner/operator address: 55 JERICHO TNPK
JERICHO, NY 11753
Owner/operator country: US
Owner/operator telephone: (516) 997-9300
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BILL WOLF PETROLEUM CORP
Owner/operator address: 55 JERICHO TNPK
JERICHO, NY 11753
Owner/operator country: US
Owner/operator telephone: (516) 997-9300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

2193 BEDFORD AVENUE (Continued) **1001090486**

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: 2193 BEDFORD AVENUE
Classification: Not a generator, verified

Date form received by agency: 03/11/1996
Facility name: 2193 BEDFORD AVENUE
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004568450

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LTANKS:

Site ID:	84978
Spill No:	9611793
Spill Date:	12/30/1996
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/14/1997
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	GUTIERREZ
Referred To:	Not reported
Reported to Dept:	12/30/1996
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/30/1996
Spill Record Last Update:	2/14/1997
Spiller Name:	ROD ONEILL
Spiller Company:	AMOCO OIL COMPANY
Spiller Address:	125 APPOLO STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	LOUIS RENZO
Spiller Phone:	Not reported

2193 BEDFORD AVENUE (Continued) **1001090486**

Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	78115
DEC Memo:	Not reported
Remarks:	DRIVER OVERFILLED UNDER GROUND TANK.

Material:

Site ID:	84978
Operable Unit ID:	1039674
Operable Unit:	01
Material ID:	340446
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9611793
Spill Date:	12/30/1996
Spill Time:	07:34
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	02/14/97
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	GUTIERREZ
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported

2193 BEDFORD AVENUE (Continued) **1001090486**

Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/30/96
Reported to Department Time: 08:27
SWIS: 61
Spiller Contact: LOUIS RENZO
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: AMOCO OIL COMPANY
Spiller Address: 125 APPOLO STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: ROD ONEILL
Facility Phone: (718) 389-5966
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/30/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/14/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 15
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: DID NOT GET CALL FROM COLONY.
Spill Cause: DRIVER OVERFILLED UNDER GROUND TANK.

K40 East < 1/8 0.104 mi. 547 ft. | **SHELL SERVICE STATION 2193 BEDFORD AVENUE BROOKLYN, NY 11226** | **UST HIST UST** | **U003031001 N/A**

Site 3 of 4 in cluster K

Relative: Higher

Actual: 49 ft.

UST:

Facility Id:	2-509019
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2016/01/24
UTM X:	588312.99266999995
UTM Y:	4500440.2987500001

Affiliation Records:

Site Id:	21731
Affiliation Type:	Emergency Contact
Company Name:	DELEK REALTY CORP % WOLF
Contact Type:	Not reported
Contact Name:	CARY WOLF
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 997-9300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/25/2007

Site Id:	21731
Affiliation Type:	Owner
Company Name:	DELEK REALTY CORP % WOLF
Contact Type:	AGENT
Contact Name:	CARY WOLF
Address1:	125 JERICHO TURNPIKE
Address2:	Not reported
City:	JERICHO
State:	NY
Zip Code:	11753
Country Code:	001
Phone:	(516) 997-9300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/29/2010

Site Id:	21731
Affiliation Type:	Mail Contact
Company Name:	DELEK REALTY CORP
Contact Type:	Not reported
Contact Name:	ADAM WOLF
Address1:	% WOLF
Address2:	125 JERICHO TURNPIKE

SHELL SERVICE STATION (Continued) **U003031001**

City:	JERICHO
State:	NY
Zip Code:	11753
Country Code:	001
Phone:	(516) 997-9300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/25/2007

Site Id:	21731
Affiliation Type:	On-Site Operator
Company Name:	SHELL SERVICE STATION
Contact Type:	Not reported
Contact Name:	S. CHEENA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 856-2640
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/29/2010

Tank Info:

Site ID:	21731
Tank Number:	001
Tank ID:	39540
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/1989
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	3/4/2008
Register:	True
Modified By:	MSBAPTIS
Last Modified:	10/29/2010

Site ID:	21731
Tank Number:	002
Tank ID:	39541
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/1989

SHELL SERVICE STATION (Continued) **U003031001**

Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	3/4/2008
Register:	True
Modified By:	MSBAPTIS
Last Modified:	10/29/2010
Site ID:	21731
Tank Number:	003
Tank ID:	39542
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/1989
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	3/4/2008
Register:	True
Modified By:	MSBAPTIS
Last Modified:	10/29/2010
Site ID:	21731
Tank Number:	004
Tank ID:	39543
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/1989
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	3/4/2008
Register:	True
Modified By:	MSBAPTIS
Last Modified:	10/29/2010

HIST UST:

PBS Number:	2-509019
SPDES Number:	Not reported
Emergency Contact:	CARY WOLF
Emergency Telephone:	(516) 997-9300
Operator:	LOUIS RENZO
Operator Telephone:	(718) 284-7346
Owner Name:	DELEK REALTY

SHELL SERVICE STATION (Continued) **U003031001**

Owner Address:	55 JERICHO TURNPIKE
Owner City,St,Zip:	JERICHO, NY 11753
Owner Telephone:	(516) 997-9300
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	DELEK REALTY
Mailing Address:	55 JERICHO TURNPIKE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	JERICHO, NY 11753
Mailing Contact:	CARY WOLF
Mailing Telephone:	(516) 997-9300
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	2193 BEDFORD AVENUE
SWIS ID:	6101
Old PBS Number:	480169
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/05/2001
Expiration Date:	01/24/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	16000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19890701
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	Vault (w/access)
Leak Detection:	41
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible

SHELL SERVICE STATION (Continued) **U003031001**

Date Tested:	10/01/1998
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19890701
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	Vault (w/access)
Leak Detection:	41
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	10/01/1998
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19890701
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	Vault (w/access)
Leak Detection:	41
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	10/01/1998
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data

SHELL SERVICE STATION (Continued) **U003031001**

Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19890701
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	Vault (w/access)
Leak Detection:	41
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	10/01/1998
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

K41
East
< 1/8
0.105 mi.
552 ft.

GOLDSEAL TRANSMISSION **RCRA-NonGen** **1000192575**
2201 BEDFORD AVE **FINDS** **NYD981566938**
BROOKLYN, NY 11226 **MANIFEST**

Site 4 of 4 in cluster K

Relative:
Equal

Actual:
48 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	GOLDSEAL TRANSMISSION
Facility address:	2201 BEDFORD AVE BROOKLYN, NY 112264001
EPA ID:	NYD981566938
Mailing address:	BEDFORD AVE BROOKLYN, NY 11226
Contact:	Not reported
Contact address:	BEDFORD AVE BROOKLYN, NY 11226
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

GOLDSEAL TRANSMISSION (Continued) **1000192575**

Owner/Operator Summary:

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	GOLDSEAL TRANSMISSION
Classification:	Not a generator, verified

Date form received by agency:	07/08/1999
Facility name:	GOLDSEAL TRANSMISSION
Classification:	Not a generator, verified

Date form received by agency:	11/21/1986
Facility name:	GOLDSEAL TRANSMISSION
Classification:	Large Quantity Generator

Violation Status: No violations found

FINDS:

GOLDSEAL TRANSMISSION (Continued) **1000192575**

Registry ID: 110004411100

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYD981566938
Country:	USA
Mailing Name:	GOLD SEAL TRANSMISSION
Mailing Contact:	GOLD SEAL TRANSMISSION
Mailing Address:	2201 BEDFORD AVENUE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11226
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-284-1980

Document ID:	NYA6489126
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	870203
Trans1 Recv Date:	870203
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870203
Part A Recv Date:	870324
Part B Recv Date:	870219
Generator EPA ID:	NYD981566938
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	87

L42	**MERIT OIL CORP**	**RCRA-NonGen**	**1000263798**
ESE	**2211 BEDFORD AVE**	**FINDS**	**NYD982185936**
< 1/8	**BROOKLYN, NY 11226**	**UST**	
0.108 mi.		**HIST UST**	
570 ft.	**Site 1 of 2 in cluster L**	**MANIFEST**	

Relative:
Equal

Actual:
48 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	MERIT OIL CORP
Facility address:	2211 BEDFORD AVE BROOKLYN, NY 112264001
EPA ID:	NYD982185936
Mailing address:	W LANCASTER AVE HAVERFORD, NY 19041
Contact:	Not reported
Contact address:	W LANCASTER AVE HAVERFORD, NY 19041
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MERIT OIL CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MERIT OIL CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

MERIT OIL CORP (Continued) **1000263798**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 05/11/1987
Facility name: MERIT OIL CORP
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001572708

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

UST:
Facility Id: 2-297526
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2015/05/23

MERIT OIL CORP (Continued) **1000263798**

UTM X: 588314.93261999998
UTM Y: 4500392.62292

Affiliation Records:

Site Id: 13743
Affiliation Type: Mail Contact
Company Name: AMERADA HESS CORP.
Contact Type: Not reported
Contact Name: JANICE FLAHERTY
Address1: 1 HESS PLAZA
Address2: Not reported
City: WOODBRIDGE
State: NJ
Zip Code: 07095
Country Code: 001
Phone: (732) 750-6350
Phone Ext: Not reported
Email: JFLAHERTY@HESS.COM
Fax Number: Not reported
Modified By: BHYUKOWE
Date Last Modified: 10/8/2010

Site Id: 13743
Affiliation Type: Emergency Contact
Company Name: AMERADA HESS CORPORATION
Contact Type: Not reported
Contact Name: AMERADA HESS CORP.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (732) 750-6000
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 10/5/2009

Site Id: 13743
Affiliation Type: Owner
Company Name: AMERADA HESS CORPORATION
Contact Type: LICENSE COORDINATOR
Contact Name: JANICE FLAHERTY
Address1: 1 HESS PLAZA
Address2: Not reported
City: WOODBRIDGE
State: NJ
Zip Code: 07095
Country Code: 001
Phone: (732) 750-6000
Phone Ext: Not reported
Email: JFLAHERTY@HESS.COM
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 7/30/2010

MERIT OIL CORP (Continued) **1000263798**

Site Id:	13743
Affiliation Type:	On-Site Operator
Company Name:	HESS 32515
Contact Type:	Not reported
Contact Name:	AMERADA HESS CORP.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(732) 750-6000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	13743
Tank Number:	001
Tank ID:	15733
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/1/1971
Capacity Gallons:	2000
Tightness Test Method:	01
Next Test Date:	Not reported
Date Tank Closed:	4/1/1993
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	3/1/1993
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Site ID:	13743
Tank Number:	002
Tank ID:	15734
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/1/1971
Capacity Gallons:	4000
Tightness Test Method:	01
Next Test Date:	Not reported
Date Tank Closed:	4/1/1993
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	3/1/1993
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

MERIT OIL CORP (Continued) **1000263798**

Site ID: 13743

Tank Number: 003
Tank ID: 15735
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1971
Capacity Gallons: 4000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 4/1/1993
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 5/1/1991
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 13743

Tank Number: 004
Tank ID: 15736
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1971
Capacity Gallons: 4000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 4/1/1993
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 5/1/1991
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 13743

Tank Number: 005
Tank ID: 15737
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1971
Capacity Gallons: 2000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 4/1/1993
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 5/1/1991
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

MERIT OIL CORP (Continued) **1000263798**

Site ID: 13743

Tank Number: 006
Tank ID: 15738
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1971
Capacity Gallons: 4000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 4/1/1993
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 5/1/1991
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 13743

Tank Number: 007
Tank ID: 15739
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1971
Capacity Gallons: 2000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 4/1/1993
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 13743

Tank Number: 008
Tank ID: 15740
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1971
Capacity Gallons: 550
Tightness Test Method: ZZ
Next Test Date: Not reported
Date Tank Closed: 4/1/1993
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 5/1/1991
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

MERIT OIL CORP (Continued) **1000263798**

Site ID: 13743

Tank Number: 009
Tank ID: 46023
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 5/1/1993
Capacity Gallons: 4000
Tightness Test Method: 03
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Equivalent technology
Date Test: 4/1/1994
Register: True
Modified By: KXTANG
Last Modified: 3/29/2005

Site ID: 13743

Tank Number: 010
Tank ID: 46024
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 5/1/1993
Capacity Gallons: 4000
Tightness Test Method: 03
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Equivalent technology
Date Test: 4/1/1994
Register: True
Modified By: KXTANG
Last Modified: 3/29/2005

Site ID: 13743

Tank Number: 011
Tank ID: 46025
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 5/1/1993
Capacity Gallons: 4000
Tightness Test Method: 03
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Equivalent technology
Date Test: 4/1/1994
Register: True
Modified By: KXTANG
Last Modified: 3/29/2005

MERIT OIL CORP (Continued) **1000263798**

Site ID:	13743
Tank Number:	012
Tank ID:	46026
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/1/1993
Capacity Gallons:	4000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	4/1/1994
Register:	True
Modified By:	KXTANG
Last Modified:	3/29/2005
Site ID:	13743
Tank Number:	013
Tank ID:	46027
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/1/1993
Capacity Gallons:	4000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	4/1/1994
Register:	True
Modified By:	KXTANG
Last Modified:	3/29/2005
Site ID:	13743
Tank Number:	014
Tank ID:	46028
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/1/1993
Capacity Gallons:	550
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	4/1/1994
Register:	True
Modified By:	KXTANG
Last Modified:	3/29/2005

MERIT OIL CORP (Continued) **1000263798**

HIST UST:

PBS Number:	2-297526
SPDES Number:	Not reported
Emergency Contact:	AMERADA HESS CORP.
Emergency Telephone:	(732) 750-6000
Operator:	AMERADA HESS CORP.
Operator Telephone:	(732) 750-6000
Owner Name:	AMERADA HESS CORPORATION
Owner Address:	1 HESS PLAZA
Owner City,St,Zip:	WOODBRIDGE, NJ 07095
Owner Telephone:	(732) 750-6000
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	AMERADA HESS CORP.
Mailing Address:	1 HESS PLAZA
Mailing Address 2:	Not reported
Mailing City,St,Zip:	WOODBRIDGE, NJ 07095
Mailing Contact:	JANICE FLAHERTY
Mailing Telephone:	(732) 750-6350
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/30/2000
Expiration Date:	05/23/2005
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20550
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported

MERIT OIL CORP (Continued) **1000263798**

Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	03/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	03/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported

MERIT OIL CORP (Continued) **1000263798**

Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	05/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	05/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other

MERIT OIL CORP (Continued) **1000263798**

Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	05/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	05/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported

MERIT OIL CORP (Continued) **1000263798**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19710801
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	05/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19930501
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
Date Tested:	04/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported

MERIT OIL CORP (Continued) **1000263798**

Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19930501
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	04/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	011
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19930501
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	04/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True

MERIT OIL CORP (Continued) **1000263798**

Lat/long: Not reported

Tank Id: 012
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19930501
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: Fiberglass Liner (FRP)
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Fiberglass
Second Containment: Vault (w/access)
Leak Detection: 14
Overfill Prot: Float Vent Valve, Catch Basin
Dispenser: Submersible
Date Tested: 04/01/1994
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 013
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19930501
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: Fiberglass Liner (FRP)
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Fiberglass
Second Containment: Vault (w/access)
Leak Detection: 14
Overfill Prot: Float Vent Valve, Catch Basin
Dispenser: Submersible
Date Tested: 04/01/1994
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

MERIT OIL CORP (Continued) **1000263798**

Tank Id:	014
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19930501
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Not reported
Date Tested:	04/01/1994
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

NY MANIFEST:

EPA ID:	NYD982185936
Country:	USA
Mailing Name:	MERIT SVC STATION
Mailing Contact:	PAUL LABBATE
Mailing Address:	2211 BEDFORD AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11226
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	000-000-0000

Document ID:	NYC2028666
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930827
Trans1 Recv Date:	930827
Trans2 Recv Date:	930830
TSD Site Recv Date:	930831
Part A Recv Date:	931020
Part B Recv Date:	930929
Generator EPA ID:	NYD982185936
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	ARD981908551
TSDF ID:	KYD053348108
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01910

MERIT OIL CORP (Continued) **1000263798**

Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	93

L43 **2211 BEDFORD AVE** **LTANKS** **S100494460**
ESE **2211 BEDFORD AVE** **HIST LTANKS** **N/A**
< 1/8 **BROOKLYN, NY** **NY Spills**
0.108 mi. **NY Hist Spills**
570 ft. **Site 2 of 2 in cluster L**

Relative:
Equal

Actual:
48 ft.

LTANKS:

Site ID:	112224
Spill No:	9210412
Spill Date:	12/9/1992
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/22/1994
Facility Addr2:	Not reported
Cleanup Ceased:	7/22/1929
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	12/9/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	12/10/1992
Spill Record Last Update:	8/2/1994
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	98037
DEC Memo:	Not reported
Remarks:	EIR

Material:

Site ID:	112224
Operable Unit ID:	977038
Operable Unit:	01
Material ID:	403875
Material Code:	0009

2211 BEDFORD AVE (Continued) **S100494460**

Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	112224
Spill Tank Test:	1540936
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	142933
Spill No:	9302427
Spill Date:	5/21/1993
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/18/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	5/21/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	5/26/1993
Spill Record Last Update:	3/18/2003
Spiller Name:	Not reported
Spiller Company:	MERIT STATION
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	98037
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was

2211 BEDFORD AVE (Continued) **S100494460**

"SANGESLAND"
Remarks: SOIL FOUND IN EXCAVATION OF U/G TANKS - TO STOCK PILE FOR REMOVAL.

Material:
Site ID: 142933
Operable Unit ID: 980804
Operable Unit: 01
Material ID: 399550
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9302427
Spill Date: 05/21/1993
Spill Time: 14:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: SANGESLAND
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 05/21/93
Reported to Department Time: 15:10

2211 BEDFORD AVE (Continued) **S100494460**

SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: MERIT STATION
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/26/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/26/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: SOIL FOUND IN EXCAVATION OF U/G TANKS - TO STOCK PILE FOR REMOVAL.

Region of Spill: 2
Spill Number: 9210412
Spill Date: 12/09/1992
Spill Time: 13:20
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response.

2211 BEDFORD AVE (Continued) **S100494460**

	Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	07/22/94
Cleanup Ceased:	07/22/29
Cleanup Meets Standard:	True
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/09/92
Reported to Department Time:	13:29
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	( ) -
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	12/10/92
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	08/02/94
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE

2211 BEDFORD AVE (Continued) **S100494460**

Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 08/02/94: CROSS REFERENCE TO 9302427. TANK REPLACEMENT.
Spill Cause: EIR

NY Spills:

Site ID:	112223
Facility Addr2:	Not reported
Facility ID:	9107032
Spill Number:	9107032
Facility Type:	ER
SWIS:	2401
Investigator:	SULLIVAN
Referred To:	Not reported
Spill Date:	10/1/1991
Reported to Dept:	10/1/1991
CID:	Not reported
Spill Cause:	Human Error
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	10/4/1991
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Not reported
Spill Closed Dt:	10/4/1991
Remediation Phase:	0
Date Entered In Computer:	10/4/1991
Spill Record Last Update:	10/30/2003
Spiller Name:	Not reported
Spiller Company:	ISLAND TRANS.
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	98037
DEC Memo:	Not reported
Remarks:	SPILLAGE IN MANWAY; ISLAND WILL PUMP.

Material:

Site ID:	112223
Operable Unit ID:	961273
Operable Unit:	01
Material ID:	419267
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	63
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

2211 BEDFORD AVE (Continued) **S100494460**

Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 9107032
Investigator: SULLIVAN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/01/1991 08:30
Reported to Dept Date/Time: 10/01/91 09:58
SWIS: 61
Spiller Name: ISLAND TRANS.
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Human Error
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 08
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 10/04/91
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 10/04/91
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 10/04/91
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

2211 BEDFORD AVE (Continued) **S100494460**

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	63
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE
Times Material Entry In File:	21329
CAS Number:	Not reported
Last Date:	19940929
DEC Remarks:	Not reported
Remark:	SPILLAGE IN MANWAY; ISLAND WILL PUMP.

J44 **LOT 39,TAXBLOCK 5102** **E DESIGNATION** **S109942526**
SSW **934 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.112 mi.
593 ft. **Site 4 of 5 in cluster J**

Relative:
Lower

Actual:
44 ft.

E DESIGNATION:

Tax Lot(s):	39
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05

LOT 39,TAXBLOCK 5102 (Continued) **S109942526**

Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	MIDWOOD ACTIVITIES IN
Lot Area:	000004000
Total Building Floor Area:	00000005292
Commercial Floor Area:	00000005292
Office Floor Area:	00000000000
Retail Floor Area:	00000005292
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0040.00
Lot Depth:	0100.83
Building Frontage:	0040.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000108000
Total Assessed Value:	00000297450
Land Exempt Value:	00000000000
Total Exempt Value:	00000178200
Year Built:	1946
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Albemarle-Kenmore Terraces
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.32
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020039
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995730
Y Coordinate:	0175605
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

45 NW < 1/8 0.113 mi. 596 ft. | **ARC BLDG CO**
845 FLATBUSH AVE
BKLYN, NY 11226 | **AST** | **U003393444**
HIST AST | **N/A**

Relative: Higher

Actual: 52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-285943
Program Type:	PBS
UTM X:	588045.94250999996
UTM Y:	4500582.1049699998
Expiration Date:	2008/01/07

Affiliation Records:

Site Id:	12734
Affiliation Type:	Owner
Company Name:	ARC BLDG CO % HELMAN PROPERTIES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	3010 WESTCHESTER AVE., SUITE 308
Address2:	Not reported
City:	PURCHASE
State:	NY
Zip Code:	10577-2524
Country Code:	001
Phone:	(914) 253-8799
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12734
Affiliation Type:	On-Site Operator
Company Name:	ARC BLDG CO
Contact Type:	Not reported
Contact Name:	ARC BLDG CO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 253-8799
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12734
Affiliation Type:	Emergency Contact
Company Name:	ARC BLDG CO % HELMAN PROPERTIES
Contact Type:	Not reported
Contact Name:	ARC BLDG CO
Address1:	Not reported
Address2:	Not reported

ARC BLDG CO (Continued) **U003393444**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 253-8799
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12734
Affiliation Type:	Mail Contact
Company Name:	ARC BLDG CO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	% HELMAN PROPERTIES
Address2:	3010 WESTCHESTER AVE. - SUITE 308
City:	PURCHASE
State:	NY
Zip Code:	10577-2524
Country Code:	001
Phone:	(914) 253-8799
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	28122
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-285943
SWIS Code:	6101
Operator:	ARC BLDG CO
Facility Phone:	(718) 624-4563
Facility Addr2:	845 FLATBUSH AVE
Facility Type:	Not reported
Emergency:	ARC BLDG CO

ARC BLDG CO (Continued) **U003393444**

Emergency Tel:	(718) 624-4563
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	ARC BLDG CO
Owner Address:	16 COURT ST
Owner City,St,Zip:	BKLYN, NY 11241
Federal ID:	Not reported
Owner Tel:	(718) 624-4563
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	ARC BLDG CO
Mailing Address:	16 COURT ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11241
Mailing Telephone:	(718) 624-4563
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	12/11/1997
Expiration:	01/07/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	Not reported
Dispenser Method:	Suction
Date Tested:	Not reported

ARC BLDG CO (Continued) **U003393444**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

M46 **LOT 55,TAXBLOCK 5082** **E DESIGNATION** **S109942678**
West **2101 CHURCH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.113 mi.
598 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
50 ft.

E DESIGNATION:

Tax Lot(s):	55
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	508
Census Block:	2000
School District:	17
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	2101 CHURCH EQUITIES
Lot Area:	000025587
Total Building Floor Area:	00000052169
Commercial Floor Area:	00000052169
Office Floor Area:	00000000000
Retail Floor Area:	00000052169
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001

LOT 55,TAXBLOCK 5082 (Continued) **S109942678**

Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00004
Lot Frontage:	0183.50
Lot Depth:	0143.08
Building Frontage:	0183.50
Building Depth:	0131.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000352800
Total Assessed Value:	00002443500
Land Exempt Value:	00000000000
Total Exempt Value:	00001527300
Year Built:	1928
Year Built Code:	Not reported
Year Altered1:	2003
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.04
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050820055
Condominium Number:	00000
Census Tract 2:	0508
X Coordinate:	0995458
Y Coordinate:	0176287
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	55
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	508
Census Block:	2000
School District:	17
City Council District:	40

LOT 55,TAXBLOCK 5082 (Continued) **S109942678**

Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	2101 CHURCH EQUITIES
Lot Area:	000025587
Total Building Floor Area:	00000052169
Commercial Floor Area:	00000052169
Office Floor Area:	00000000000
Retail Floor Area:	00000052169
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00004
Lot Frontage:	0183.50
Lot Depth:	0143.08
Building Frontage:	0183.50
Building Depth:	0131.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000352800
Total Assessed Value:	00002443500
Land Exempt Value:	00000000000
Total Exempt Value:	00001527300
Year Built:	1928
Year Built Code:	Not reported
Year Altered1:	2003
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.04
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050820055
Condominium Number:	00000
Census Tract 2:	0508
X Coordinate:	0995458
Y Coordinate:	0176287

LOT 55,TAXBLOCK 5082 (Continued) **S109942678**

Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	55
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	314
Census Tract:	508
Census Block:	2000
School District:	17
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	2101 CHURCH EQUITIES
Lot Area:	000025587
Total Building Floor Area:	00000052169
Commercial Floor Area:	00000052169
Office Floor Area:	00000000000
Retail Floor Area:	00000052169
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00

LOT 55,TAXBLOCK 5082 (Continued) **S109942678**

Residential Units:	00000
Non and Residential Units:	00004
Lot Frontage:	0183.50
Lot Depth:	0143.08
Building Frontage:	0183.50
Building Depth:	0131.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000352800
Total Assessed Value:	00002443500
Land Exempt Value:	00000000000
Total Exempt Value:	00001527300
Year Built:	1928
Year Built Code:	Not reported
Year Altered1:	2003
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.04
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3050820055
Condominium Number:	00000
Census Tract 2:	0508
X Coordinate:	0995458
Y Coordinate:	0176287
Zoning Map:	16D
Sanborn Map:	310 005
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

M47 **VAULT 2593** **NY Spills** **S102239317**
West **173 EAST 21ST ST** **NY Hist Spills** **N/A**
< 1/8 **BROOKLYN, NY**
0.114 mi.
604 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
50 ft.

NY Spills:

Site ID:	78682
Facility Addr2:	Not reported
Facility ID:	9515568
Spill Number:	9515568
Facility Type:	ER
SWIS:	2401
Investigator:	JHOCONNE
Referred To:	Not reported
Spill Date:	3/4/1996

VAULT 2593 (Continued) **S102239317**

Reported to Dept:	3/4/1996
CID:	312
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	4/13/1998
Remediation Phase:	0
Date Entered In Computer:	3/4/1996
Spill Record Last Update:	4/13/1998
Spiller Name:	RICHARD ROACH
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY 10003
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	73197
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" HAS INFORMED ENVIRONMENTAL UNIT TO TEST & CLEAN UP - TRANS OIL WAS TESTED IN 1984 @ 8-28 PPM PCB - NOTIFIED DEP IWCS
Remarks:	transformer leaked - 15 gallons of oil on top of 18" of water all contained in vault - drain is plugged

Material:

Site ID:	78682
Operable Unit ID:	1030225
Operable Unit:	01
Material ID:	355694
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported

VAULT 2593 (Continued) **S102239317**

Test Method: Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9515568
Investigator:	O'CONNELL
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	03/04/1996 10:20
Reported to Dept Date/Time:	03/04/96 15:15
SWIS:	61
Spiller Name:	CON ED
Spiller Contact:	RICHARD ROACH
Spiller Phone:	(212) 580-6764
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY 10003-
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	01
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	04/13/98
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	03/04/96
Date Spill Entered In Computer Data File:	Not reported
Update Date:	04/13/98
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	15
Unkonwn Quantity Spilled:	False
Units:	Gallons

VAULT 2593 (Continued) **S102239317**

Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: TRANSFORMER OIL
Class Type: TRANSFORMER OIL
Times Material Entry In File: 533
CAS Number: Not reported
Last Date: 19940926
DEC Remarks: HAS INFORMED ENVIRONMENTAL UNIT TO TEST CLEAN UP - TRANS OIL WAS TESTED IN 1984 @ 8-28 PPM PCB - NOTIFIED DEP IWCS
Remark: transformer leaked - 15 gallons of oil on top of 18 of water all contained in vault - drain is plugged

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J48 **LOT 1,TAXBLOCK 5103** **E DESIGNATION** **S109942131**
SSW **937 FLATBUSH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.116 mi.
613 ft. **Site 5 of 5 in cluster J**

Relative:
Lower

Actual:
44 ft.

E DESIGNATION:

Tax Lot(s):	1
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	794
Census Block:	1003
School District:	17
City Council District:	40
Fire Company:	E248
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K2
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ALICIA ASSOCIATES
Lot Area:	000011300
Total Building Floor Area:	00000015600
Commercial Floor Area:	00000015600
Office Floor Area:	00000007600
Retail Floor Area:	00000008000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000

LOT 1,TAXBLOCK 5103 (Continued) **S109942131**

Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00008
Lot Frontage:	0100.58
Lot Depth:	0113.42
Building Frontage:	0100.00
Building Depth:	0113.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000268650
Total Assessed Value:	00000585000
Land Exempt Value:	00000000000
Total Exempt Value:	00000067500
Year Built:	1965
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.38
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051030001
Condominium Number:	00000
Census Tract 2:	0794
X Coordinate:	0995920
Y Coordinate:	0175642
Zoning Map:	22C
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

N49 **931 FLATBUSH AVE/ASTOR** **NY Spills** **S102142657**
South **931 FLATBUSH AVE/ASTOR** **NY Hist Spills** **N/A**
< 1/8 **BROOKLYN, NY**
0.117 mi.
618 ft. **Site 1 of 3 in cluster N**

Relative:
Lower

Actual:
44 ft.

NY Spills:

Site ID:	284070
Facility Addr2:	Not reported
Facility ID:	9112415
Spill Number:	9112415
Facility Type:	ER

931 FLATBUSH AVE/ASTOR (Continued) **S102142657**

SWIS:	2401
Investigator:	JMKRIMGO
Referred To:	Not reported
Spill Date:	2/28/1992
Reported to Dept:	3/5/1992
CID:	Not reported
Spill Cause:	Housekeeping
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	9/19/2008
Remediation Phase:	0
Date Entered In Computer:	3/11/1992
Spill Record Last Update:	9/19/2008
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	230372
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER" 09/19/08. J.Krimgold reviewed info presented by Con Ed. There are no historic data regarding this spill event. NFA
Remarks:	NYCPD OFFICER BALTZ INVOLVED.

Material:

Site ID:	284070
Operable Unit ID:	962751
Operable Unit:	01
Material ID:	417390
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	284070
Operable Unit ID:	962751
Operable Unit:	01
Material ID:	417391
Material Code:	0026A
Material Name:	ASBESTOS
Case No.:	01332214
Material FA:	Hazardous Material
Quantity:	0

931 FLATBUSH AVE/ASTOR (Continued) **S102142657**

Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 9112415
Investigator: MILLER
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 02/28/1992 12:00
Reported to Dept Date/Time: 03/05/92 15:55
SWIS: 61
Spiller Name: Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Housekeeping
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Local Agency
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 03/11/92

931 FLATBUSH AVE/ASTOR (Continued) **S102142657**

Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: ASBESTOS
Class Type: ASBESTOS
Times Material Entry In File: 0
CAS Number: 01332214
Last Date: Not reported
DEC Remarks: Not reported
Remark: NYCPD OFFICER BALTZ INVOLVED.

50
ENE
< 1/8
0.118 mi.
624 ft.

FAITH ASSEMBLY OF GOD **UST** **U003790890**
2164 BEDFORD AVENUE **HIST UST** **N/A**
BROOKLYN, NY 11226

Relative:
Higher

Actual:
51 ft.

UST:
Facility Id: 2-606206
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2011/07/05
UTM X: 588315.36872000003
UTM Y: 4500540.9621700002

Affiliation Records:
Site Id: 28070
Affiliation Type: Owner
Company Name: FAITH ASSEMBLY OF GOD
Contact Type: PASTOR

FAITH ASSEMBLY OF GOD (Continued) **U003790890**

Contact Name:	SAM RAMPHAL
Address1:	2164 BEDFORD AVE.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 469-5101
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/1/2006

Site Id:	28070
Affiliation Type:	Mail Contact
Company Name:	FAITH ASSEMBLY OF GOD
Contact Type:	Not reported
Contact Name:	REV. SAM RAMPHAL
Address1:	P.O. BOX 260522
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 258-1285
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28070
Affiliation Type:	Emergency Contact
Company Name:	FAITH ASSEMBLY OF GOD
Contact Type:	Not reported
Contact Name:	SAM RAMPHAL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 258-1285
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28070
Affiliation Type:	On-Site Operator
Company Name:	FAITH ASSEMBLY OF GOD
Contact Type:	Not reported
Contact Name:	FAITH ASSEMBLY OF GOD
Address1:	Not reported
Address2:	Not reported

FAITH ASSEMBLY OF GOD (Continued) **U003790890**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-5101
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	28070
Tank Number:	001
Tank ID:	61102
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	21
Next Test Date:	5/11/2011
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	5/11/2006
Register:	True
Modified By:	BKFALVEY
Last Modified:	11/13/2006

HIST UST:

PBS Number:	2-606206
SPDES Number:	Not reported
Emergency Contact:	SAM RAMPHAL
Emergency Telephone:	(718) 258-1285
Operator:	FAITH ASSEMBLY OF GOD
Operator Telephone:	(718) 469-5101
Owner Name:	FAITH ASSEMBLY OF GOD
Owner Address:	2164 BEDFORD AVE.
Owner City,St,Zip:	BROOKLYN, NY 11226
Owner Telephone:	(718) 469-5101
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	FAITH ASSEMBLY OF GOD
Mailing Address:	P.O. BOX 260522
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Contact:	REV. SAM RAMPHAL
Mailing Telephone:	(718) 258-1285
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6101

FAITH ASSEMBLY OF GOD (Continued) **U003790890**

Old PBS Number:	Not reported
Facility Type:	UTILITY
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/17/2001
Expiration Date:	07/05/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	Suction
Date Tested:	06/25/2001
Next Test Date:	06/25/2006
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

51
SSW
< 1/8
0.118 mi.
625 ft.

LOT 41,TAXBLOCK 5102
938 FLATBUSH AVENUE
BROOKLYN, NY 11226

E DESIGNATION **S109942568**
N/A

Relative:
Lower

Actual:
44 ft.

E DESIGNATION:

Tax Lot(s):	41
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	510
Census Block:	1000
School District:	22
City Council District:	40
Fire Company:	L147
Health Area:	35
Police Precinct:	070
Zone District 1:	C4-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C4-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K4
Land Use Category:	04
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	SKAF INC
Lot Area:	000003900
Total Building Floor Area:	00000007719
Commercial Floor Area:	00000005173
Office Floor Area:	00000000000
Retail Floor Area:	00000005173
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00005
Lot Frontage:	0038.84
Lot Depth:	0100.00
Building Frontage:	0019.42
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 41,TAXBLOCK 5102 (Continued) **S109942568**

Basement Type Grade:	5
Land Assessed Value:	00000030960
Total Assessed Value:	00000299700
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.98
Maximum Allowable Far:	03.40
Borough Code:	3
Borough Tax Block And Lot:	3051020041
Condominium Number:	00000
Census Tract 2:	0510
X Coordinate:	0995737
Y Coordinate:	0175567
Zoning Map:	16D
Sanborn Map:	310 006
Tax Map:	31602
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

52
WSW
< 1/8
0.119 mi.
627 ft.

QUARLEVANS REALTY CORP **AST** **A100157693**
190 EAST 21ST STREET **N/A**
BROOKLYN, NY 11226

Relative:
Higher

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604333
Program Type:	PBS
UTM X:	587977.70077
UTM Y:	4500368.71753
Expiration Date:	2014/12/10

Affiliation Records:

Site Id:	26210
Affiliation Type:	Emergency Contact
Company Name:	ANN QUARLESS
Contact Type:	Not reported
Contact Name:	ANN QUARLESS
Address1:	Not reported
Address2:	Not reported
City:	Not reported

QUARLEVANS REALTY CORP (Continued) **A100157693**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 444-5639
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26210
Affiliation Type:	Owner
Company Name:	ANN QUARLESS
Contact Type:	PRESIDENT
Contact Name:	ANN QUARLESS
Address1:	733 E 81 STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11236
Country Code:	001
Phone:	(718) 444-5639
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/23/2004

Site Id:	26210
Affiliation Type:	On-Site Operator
Company Name:	QUARLEVANS REALTY CORP
Contact Type:	Not reported
Contact Name:	JOHN JSAAC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 856-1119
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26210
Affiliation Type:	Mail Contact
Company Name:	QUARLEVANS REALTY CORP
Contact Type:	Not reported
Contact Name:	ANN QUARLESS
Address1:	733 EAST 81ST STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11236
Country Code:	001

QUARLEVANS REALTY CORP (Continued) **A100157693**

Phone:	(718) 444-5639
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Info:

Tank Number:	001
Tank Id:	57397
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1977
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/16/2009

O53 **MANHOLE 3438** **NY Spills** **S104787839**
ESE **BEDFORD AVE/ERASMUS ST** **NY Hist Spills** **N/A**
< 1/8 **BROOKLYN, NY**
0.120 mi.
635 ft. **Site 1 of 3 in cluster O**

Relative:
Lower

Actual:
47 ft.

NY Spills:

Site ID:	312333
Facility Addr2:	Not reported
Facility ID:	0005175
Spill Number:	0005175
Facility Type:	ER
SWIS:	2401
Investigator:	JHOCONNE
Referred To:	Not reported
Spill Date:	7/31/2000
Reported to Dept:	7/31/2000
CID:	389
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

MANHOLE 3438 (Continued) **S104787839**

Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/25/2001
Remediation Phase:	0
Date Entered In Computer:	7/31/2000
Spill Record Last Update:	10/25/2001
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	251848
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" Con Ed e2mis Notes: 7/31/00 1qt oil spilled from joint regulator tank onto floor of manhole. Floor of manhole is broken and some of the oil went in dirt beneath floor. Sample taken. Starting as 50-499ppm PCB. Sample returned <1ppm PCB. Completed cleanup. Found pit 3'X4' in structure. Treated it as a sump, cleaned and sealed. Cleanup completed by double washing with slix. Waste products removed. Oil tank replaced.
Remarks:	caller reporting a spill of material samples taken clean up pending lab results coned#132631 manhole floor is cracked some oil went to soil clean up 50-499 ppm pcb

Material:

Site ID:	312333
Operable Unit ID:	826232
Operable Unit:	01
Material ID:	549907
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported

MANHOLE 3438 (Continued) **S104787839**

Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	0005175
Investigator:	O'CONNELL
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	07/31/2000 11:00
Reported to Dept Date/Time:	07/31/00 11:43
SWIS:	61
Spiller Name:	CON ED
Spiller Contact:	CALLER
Spiller Phone:	(212) 580-6763
Spiller Contact:	CALLER
Spiller Phone:	( ) -
Spiller Address:	4 IRVING
Spiller City,St,Zip:	MANHATTAN, NY
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	01
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/25/01
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	07/31/00
Date Spill Entered In Computer Data File:	Not reported
Update Date:	10/25/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum

MANHOLE 3438 (Continued) **S104787839**

Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIELECTRIC FLUID
Class Type: DIELECTRIC FLUID
Times Material Entry In File: 41
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: Con Ed e2mis Notes: 7/31/00 1qt oil spilled from joint regulator tank onto floor of manhole. Floor of manhole is broken and some of the oil went in dirt beneath floor. Sample taken. Starting as 50-499ppm PCB. Sample returned <1ppm PCB. Completed cleanup. Found pit 3 X4 in structure. Treated it as a sump, cleaned and sealed. Cleanup completed by double washing with slix. Waste products removed. Oil tank replaced.
Remark: caller reporting a spill of material samples taken clean up pending lab results coned 132631 manhole floor is cracked some oil went to soil clean up 50-499 ppm pcb

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54 West < 1/8 0.121 mi. 640 ft. **156 E. 21ST STREET**
156 E. 21ST STREET
BROOKLYN, NY

NY Spills **S102148948**
NY Hist Spills **N/A**

Relative: Higher

Actual: 51 ft.

NY Spills:
Site ID: 130502
Facility Addr2: Not reported
Facility ID: 9410319
Spill Number: 9410319
Facility Type: ER
SWIS: 2401
Investigator: SMMARTIN
Referred To: Not reported
Spill Date: 11/3/1994
Reported to Dept: 11/3/1994
CID: Not reported
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: 11/3/1994
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/3/1994
Remediation Phase: 0
Date Entered In Computer: 12/5/1994
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: MYSTIC TRANSPORTATION
Spiller Address: 1901 STEINWAY ST
Spiller City,St,Zip: ASTORIA, NY
Spiller Company: 001

156 E. 21ST STREET (Continued) **S102148948**

Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	112448
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	DRIVER MAKING DELIVERY NORTICED HOSE LEAKING- MYSTIC CLEANING UP-WILL NOTIFY DEP NCB

Material:

Site ID:	130502
Operable Unit ID:	1004234
Operable Unit:	01
Material ID:	376195
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9410319
Investigator:	MARTINKAT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	11/03/1994 07:20
Reported to Dept Date/Time:	11/03/94 07:28
SWIS:	61
Spiller Name:	MYSTIC TRANSPORTATION
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	1901 STEINWAY ST
Spiller City,St,Zip:	ASTORIA, NEW YORK
Spill Cause:	Equipment Failure
Reported to Dept:	On Land

156 E. 21ST STREET (Continued) **S102148948**

Water Affected: Not reported
Spill Source: 08
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 11/03/94
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/03/94
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 12/05/94
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Remark: DRIVER MAKING DELIVERY NORTICED HOSE LEAKING- MYSTIC CLEANING UP-WILL NOTIFY DEP NCB

O55 **BEDFORD AVE & ERASMUS ST** **NY Spills** **S102141762**
ESE **BEDFORD AVE / ERASMUS ST** **NY Hist Spills** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.121 mi.
640 ft. **Site 2 of 3 in cluster O**

Relative:
Lower

Actual:
47 ft.

NY Spills:
Site ID: 70783
Facility Addr2: Not reported
Facility ID: 9009343
Spill Number: 9009343
Facility Type: ER
SWIS: 2401

BEDFORD AVE & ERASMUS ST (Continued) **S102141762**

Investigator:	FINGER
Referred To:	Not reported
Spill Date:	11/27/1990
Reported to Dept:	11/27/1990
CID:	Not reported
Spill Cause:	Housekeeping
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Citizen
Cleanup Ceased:	6/20/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	6/20/1995
Remediation Phase:	0
Date Entered In Computer:	12/10/1990
Spill Record Last Update:	8/9/1995
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	67101
DEC Memo:	Not reported
Remarks:	STRIPPING CARS & POOR HOUSEKEEPING.

Material:

Site ID:	70783
Operable Unit ID:	946503
Operable Unit:	01
Material ID:	429563
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported

BEDFORD AVE & ERASMUS ST (Continued) **S102141762**

Test Method: Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9009343
Investigator:	FINGER
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	11/27/1990 16:00
Reported to Dept Date/Time:	11/27/90 16:20
SWIS:	61
Spiller Name:	Not reported
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Housekeeping
Reported to Dept:	In Sewer
Water Affected:	Not reported
Spill Source:	05
Spill Notifier:	Citizen
PBS Number:	Not reported
Cleanup Ceased:	06/20/95
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	06/20/95
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	12/10/90
Date Spill Entered In Computer Data File:	Not reported
Update Date:	08/09/95
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Not reported

BEDFORD AVE & ERASMUS ST (Continued) **S102141762**

Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: WASTE OIL
Class Type: WASTE OIL
Times Material Entry In File: 9509
CAS Number: Not reported
Last Date: 19940927
DEC Remarks: Not reported
Remark: STRIPPING CARS POOR HOUSEKEEPING.

O56
ESE
< 1/8
0.121 mi.
641 ft.

BEDFORD AND ERASMUS AVE **NY Spills** **S102143578**
BEDFORD AND ERASMUS AVE **NY Hist Spills** **N/A**
BROOKLYN, NY

Site 3 of 3 in cluster O

Relative:
Lower

Actual:
47 ft.

NY Spills:
Site ID: 311949
Facility Addr2: Not reported
Facility ID: 9210827
Spill Number: 9210827
Facility Type: ER
SWIS: 2401
Investigator: MCTIBBE
Referred To: Not reported
Spill Date: 12/18/1992
Reported to Dept: 12/18/1992
CID: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Other
Cleanup Ceased: 3/31/1995
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/31/1995
Remediation Phase: 0
Date Entered In Computer: 12/22/1992
Spill Record Last Update: 3/31/1995
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 2
DER Facility ID: 251639
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
Remarks: GAS SPILLED DURING DELIVERY-VAC TRUCK ENROUTE TO P/U PRODUCT

Material:
Site ID: 311949

BEDFORD AND ERASMUS AVE (Continued) **S102143578**

Operable Unit ID:	977466
Operable Unit:	01
Material ID:	404268
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	390
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9210827
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	12/18/1992 08:30
Reported to Dept Date/Time:	12/18/92 11:58
SWIS:	61
Spiller Name:	Not reported
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Unknown
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	05
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	03/31/95
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /

BEDFORD AND ERASMUS AVE (Continued) **S102143578**

Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/31/95
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 12/22/92
Date Spill Entered In Computer Data File: Not reported
Update Date: 03/31/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 390
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: GAS SPILLED DURING DELIVERY-VAC TRUCK ENROUTE TO P/U PRODUCT

P57 **LIBRARY ARMS** **AST** **U003388713**
North **30 LINDEN BLVD** **HIST AST** **N/A**
< 1/8 **BROOKLYN, NY 11226**
0.125 mi.
658 ft. **Site 1 of 3 in cluster P**

Relative:
Higher

Actual:
53 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-279382
Program Type: PBS
UTM X: 588136.28073999996
UTM Y: 4500634.6799600003
Expiration Date: 2012/03/01

Affiliation Records:
Site Id: 12157
Affiliation Type: On-Site Operator
Company Name: LINDEN 30, LLC
Contact Type: Not reported
Contact Name: ALEX BRITO
Address1: Not reported
Address2: Not reported

LIBRARY ARMS (Continued) **U003388713**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 284-6796
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/4/2007

Site Id:	12157
Affiliation Type:	Emergency Contact
Company Name:	LINDEN 30, LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 26215235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/4/2007

Site Id:	12157
Affiliation Type:	Mail Contact
Company Name:	LINDEN 30, LLC
Contact Type:	LLC MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD. SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/4/2007

Site Id:	12157
Affiliation Type:	Owner
Company Name:	LINDEN 30, LLC
Contact Type:	LLC MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD. SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375

LIBRARY ARMS (Continued) **U003388713**

Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/4/2007

Tank Info:

Tank Number:	001
Tank Id:	14494
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	2/1/1915
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	6/4/2007

HIST AST:

PBS Number:	2-279382
SWIS Code:	6101
Operator:	LIBRARY ARMS ASSOCIATES
Facility Phone:	(718) 658-4480
Facility Addr2:	30 LINDEN BLVD
Facility Type:	APARTMENT BUILDING
Emergency:	A. BRITO
Emergency Tel:	(718) 284-6796
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	LIBRARY ARMS ASSOCIATES
Owner Address:	175-61 HILLSIDE AVE
Owner City,St,Zip:	JAMAICA, NY 11432
Federal ID:	Not reported
Owner Tel:	(718) 658-4480
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	LIBRARY ARMS ASSOCIATES
Mailing Address:	175-61 HILLSIDE AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	JAMAICA, NY 11432
Mailing Telephone:	(718) 658-4480
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist

LIBRARY ARMS (Continued) **U003388713**

	or not at the facility.
Certification Flag:	False
Certification Date:	07/22/1997
Expiration:	07/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

P58 **FLATBUSH BRANCH** **UST** **U000408689**
NNW **22 LINDEN BLVD** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.126 mi.
666 ft. **Site 2 of 3 in cluster P**

Relative:
Higher

Actual:
53 ft.

UST:

Facility Id:	2-345229
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A

FLATBUSH BRANCH (Continued) **U000408689**

UTM X: 588109.78795999999
UTM Y: 4500632.6449499996

Affiliation Records:

Site Id: 16830
Affiliation Type: Owner
Company Name: BROOKLYN PUBLIC LIBRARY
Contact Type: Not reported
Contact Name: Not reported
Address1: 1 GRAND ARMY PLAZA
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11238
Country Code: 001
Phone: (718) 780-7707
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 16830
Affiliation Type: On-Site Operator
Company Name: FLATBUSH BRANCH
Contact Type: Not reported
Contact Name: BROOKLYN PUBLIC LIBRARY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 282-2017
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 16830
Affiliation Type: Emergency Contact
Company Name: BROOKLYN PUBLIC LIBRARY
Contact Type: Not reported
Contact Name: BUILDINGS & MAINTENANCE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 780-7707
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

FLATBUSH BRANCH (Continued) **U000408689**

Site Id:	16830
Affiliation Type:	Mail Contact
Company Name:	BROOKLYN PUBLIC LIBRARY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1 GRAND ARMY PLAZA
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11238
Country Code:	001
Phone:	(718) 780-7707
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	16830
Tank Number:	001
Tank ID:	32755
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST UST:

PBS Number:	2-345229
SPDES Number:	Not reported
Emergency Contact:	BUILDINGS & MAINTENANCE
Emergency Telephone:	(718) 780-7707
Operator:	BROOKLYN PUBLIC LIBRARY
Operator Telephone:	(718) 282-2017
Owner Name:	BROOKLYN PUBLIC LIBRARY
Owner Address:	1 GRAND ARMY PLAZA
Owner City,St,Zip:	BROOKLYN, NY 11238
Owner Telephone:	(718) 780-7707
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	BROOKLYN PUBLIC LIBRARY
Mailing Address:	1 GRAND ARMY PLAZA
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11238
Mailing Contact:	Not reported

FLATBUSH BRANCH (Continued) **U000408689**

Mailing Telephone:	(718) 780-7707
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	22 LINDEN BLVD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/12/1992
Expiration Date:	12/14/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

P59 **OCEAN REALTY ASSOCIATES, LLC** **AST** **U003391274**
North **35 LINDEN BLVD** **HIST AST** **N/A**
1/8-1/4 **BKLYN, NY 11226**
0.126 mi.
668 ft. **Site 3 of 3 in cluster P**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-374563
Program Type:	PBS
UTM X:	588158.61037999997
UTM Y:	4500636.3951899996
Expiration Date:	2012/10/02

Affiliation Records:

Site Id:	18848
Affiliation Type:	Emergency Contact
Company Name:	MARC NELSON ASSOC
Contact Type:	Not reported
Contact Name:	POSITIVE HEATING OF NY INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 629-4000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18848
Affiliation Type:	On-Site Operator
Company Name:	OCEAN REALTY ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	MARC NELSON ASSOC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-1046
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18848
Affiliation Type:	Mail Contact
Company Name:	OCEAN REALTY 35 ASSOCIATES LLC.
Contact Type:	Not reported
Contact Name:	MR. MARC NELSON
Address1:	PO BOX 68
Address2:	HOMECREST STN

OCEAN REALTY ASSOCIATES, LLC (Continued) **U003391274**

City:	BROOKLYN
State:	NY
Zip Code:	11229
Country Code:	001
Phone:	(718) 252-6617
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/16/2004

Site Id:	18848
Affiliation Type:	Owner
Company Name:	MARC NELSON ASSOC
Contact Type:	OWNER, MANAGING AGENT
Contact Name:	MARC NELSON
Address1:	PO BOX 68, HOMECREST STN
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11229
Country Code:	001
Phone:	(718) 252-6617
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/2/2007

Tank Info:

Tank Number:	001
Tank Id:	21151
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/1930
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	8/2/2007

HIST AST:

PBS Number:	2-374563
SWIS Code:	6101
Operator:	MARC NELSON ASSOC
Facility Phone:	(718) 469-1046
Facility Addr2:	35 LINDEN BLVD
Facility Type:	APARTMENT BUILDING
Emergency:	POSITIVE HEATING OF NY INC

OCEAN REALTY ASSOCIATES, LLC (Continued) **U003391274**

Emergency Tel:	(718) 629-4000
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MARC NELSON ASSOC
Owner Address:	PO BOX 68 HOMECREST STN
Owner City,St,Zip:	BKLYN, NY 11229
Federal ID:	Not reported
Owner Tel:	(718) 252-6617
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	MR. MARC NELSON
Mailing Name:	OCEAN REALTY 35 ASSOCIATES LLC.
Mailing Address:	PO BOX 68 HOMECREST STN
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11229
Mailing Telephone:	(718) 252-6617
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/17/1997
Expiration:	10/02/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	1
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported

OCEAN REALTY ASSOCIATES, LLC (Continued) **U003391274**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

N60 **NYC SCA - PUBLIC SCHOOL 371K-396K** **RCRA-NonGen** **1004761820**
South **35 SNYDER AVE** **FINDS** **NYR000090738**
1/8-1/4 **BROOKLYN, NY 11226**
0.128 mi.
674 ft. **Site 2 of 3 in cluster N**

Relative:
Lower

Actual:
44 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	NYC SCA - PUBLIC SCHOOL 371K-396K
Facility address:	35 SNYDER AVE BROOKLYN, NY 11226
EPA ID:	NYR000090738
Mailing address:	SNYDER AVE BROOKLYN, NY 11226
Contact:	ALEXANDER LEMPERT
Contact address:	SNYDER AVE BROOKLYN, NY 11226
Contact country:	US
Contact telephone:	(212) 555-1212
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NYC SCHOOL CONSTRUCTION AUTH
Owner/operator address:	3030 THOMPSON AVE LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	(718) 472-8502
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Owner/operator name:	NYC SCHOOL CONSTRUCTION AUTH
Owner/operator address:	3030 THOMPSON AVE LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	(718) 472-8502
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown

NYC SCA - PUBLIC SCHOOL 371K-396K (Continued) **1004761820**

Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	NYC SCA - PUBLIC SCHOOL 371K-396K
Classification:	Not a generator, verified
Date form received by agency:	10/25/2000
Facility name:	NYC SCA - PUBLIC SCHOOL 371K-396K
Classification:	Small Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID: 110004565195

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Q61 **45 LINDEN BLVD** **AST** **U003388736**
North **45 LINDEN BLVD** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226** **NY Spills**
0.128 mi.
676 ft. **Site 1 of 4 in cluster Q**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-279692
Program Type:	PBS
UTM X:	588194.56486000004
UTM Y:	4500639.1569800004
Expiration Date:	2016/03/31

Affiliation Records:

Site Id:	12185

45 LINDEN BLVD (Continued) **U003388736**

Affiliation Type:	On-Site Operator
Company Name:	45 LINDEN BLVD
Contact Type:	Not reported
Contact Name:	BROOKLYN HEATING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 444-7771
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	3/11/2008

Site Id:	12185
Affiliation Type:	Owner
Company Name:	45 LINDEN LLC
Contact Type:	PRINCIPAL
Contact Name:	ISABEL WEINBERGER
Address1:	95-04 DELANCY ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 777-2060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	12/20/2010

Site Id:	12185
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	45 LINDEN LLC
Address1:	95-04 DELANCEY ST.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 777--2060
Phone Ext:	Not reported
Email:	SSAMRA@COLTOWN.COM
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	3/11/2008

Site Id:	12185
Affiliation Type:	Emergency Contact
Company Name:	45 LINDEN LLC
Contact Type:	Not reported

45 LINDEN BLVD (Continued) **U003388736**

Contact Name:	45 LINDEN LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 777-2060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	3/11/2008

Tank Info:

Tank Number:	001
Tank Id:	14522
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/5/1937
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	12/20/2010

HIST AST:

PBS Number:	2-279692
SWIS Code:	6101
Operator:	CLARENCE NUNEZ
Facility Phone:	(718) 284-1832
Facility Addr2:	45 LINDEN BLVD
Facility Type:	APARTMENT BUILDING
Emergency:	JRD MANAGEMENT CORP
Emergency Tel:	(914) 632-1975
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	WIENER EQUITY ASSOCIATES
Owner Address:	875 MAMARONECK AV
Owner City,St,Zip:	MAMARONECK, NY 10543
Federal ID:	Not reported
Owner Tel:	(914) 381-5420
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	RICHARD MURPHY
Mailing Name:	WIENER EQUITY ASSOCIATES
Mailing Address:	875 MAMARONECK AV

45 LINDEN BLVD (Continued) **U003388736**

Mailing Address 2:	Not reported
Mailing City,St,Zip:	MAMARONECK, NY 10543
Mailing Telephone:	(914) 381-5420
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/14/1997
Expiration:	07/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

NY Spills:

Site ID:	440019
Facility Addr2:	Not reported
Facility ID:	1006657
Spill Number:	1006657
Facility Type:	ER

45 LINDEN BLVD (Continued) **U003388736**

SWIS:	2401
Investigator:	HRAHMED
Referred To:	Not reported
Spill Date:	9/17/2010
Reported to Dept:	9/20/2010
CID:	Not reported
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not Closed
Remediation Phase:	1
Date Entered In Computer:	9/20/2010
Spill Record Last Update:	10/5/2010
Spiller Name:	Not reported
Spiller Company:	OWNER OF BUILDING
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	ROB HILL
Contact Phone:	(718) 579-3410
DEC Region:	2
DER Facility ID:	395018
DEC Memo:	During fill, overfill of oil coming out of the top of the tank from the manhole. Riteway was hired to vacuum and drysol the area. Fill pipe and vent line are on opposite sides of the building. Driver would never be able to hear/sea the vent alarm if there was an overfill. Also unknown if tank repairs were made to the gage and manhole lid on top of the tank.
Remarks:	broken equipment - cleanup in progress -

Material:

Site ID:	440019
Operable Unit ID:	1190646
Operable Unit:	01
Material ID:	2185679
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported

45 LINDEN BLVD (Continued) **U003388736**

Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

R62 WNW 1/8-1/4 0.129 mi. 679 ft. **EAST STERLING REALTY CORP.** **AST** **U003396903**
141 EAST 21ST STREET **HIST AST** **N/A**
BROOKLYN, NY 11226

Site 1 of 3 in cluster R

Relative: Higher

Actual: 52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-602917
Program Type:	PBS
UTM X:	587952.58649999998
UTM Y:	4500527.3417300005
Expiration Date:	2015/01/01

Affiliation Records:

Site Id:	24872
Affiliation Type:	Emergency Contact
Company Name:	EAST STERLING REALTY CORP.
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	24872
Affiliation Type:	On-Site Operator
Company Name:	WEST STERLING REALTY
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported

EAST STERLING REALTY CORP. (Continued) **U003396903**

Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/30/2006

Site Id:	24872
Affiliation Type:	Owner
Company Name:	WEST STERLING REALTY LLC
Contact Type:	VICE PRESIDENT
Contact Name:	ISAAC HAGER
Address1:	438 KINGSTON AVE.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/30/2006

Site Id:	24872
Affiliation Type:	Mail Contact
Company Name:	WEST STERLING REALTY LLC
Contact Type:	Not reported
Contact Name:	ISSAC HAGER
Address1:	438 KINGSTON AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(747) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/30/2006

Tank Info:

Tank Number:	002
Tank Id:	52089
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1975
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING

EAST STERLING REALTY CORP. (Continued) **U003396903**

Last Modified: 11/30/2006

HIST AST:

PBS Number:	2-602917
SWIS Code:	6101
Operator:	JOSEPH BROWN
Facility Phone:	(212) 284-1264
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	MILTON MANNING
Emergency Tel:	(212) 283-7914
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	EAST STERLING REALTY CORP.
Owner Address:	880 ST. NICHOLAS AVE., #21
Owner City,St,Zip:	NEW YORK, NY 10032
Federal ID:	Not reported
Owner Tel:	(212) 283-7914
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MILTON MANNING
Mailing Name:	EAST STERLING REALTY CORP.
Mailing Address:	880 ST. NICHOLAS AVE., #21
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10032
Mailing Telephone:	(212) 283-7914
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/06/1997
Expiration:	02/04/2002
Renew Flag:	False
Renew Date:	20011030
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

EAST STERLING REALTY CORP. (Continued) **U003396903**

Tank External:	Not reported
Pipe Location:	Aboveground
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	Not reported
Overfill Protection:	06
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

R63 **141 E 21 ST - BKLN** **LTANKS** **S102671516**
WNW **141 E 21 ST** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.129 mi.
679 ft. **Site 2 of 3 in cluster R**

Relative:
Higher

Actual:
52 ft.

LTANKS:

Site ID:	116616
Spill No:	8912349
Spill Date:	4/1/1988
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	3/29/1990
Facility Addr2:	Not reported
Cleanup Ceased:	3/29/1990
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	3/29/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/30/1990
Spill Record Last Update:	2/27/1991
Spiller Name:	Not reported
Spiller Company:	STERLING REALTY
Spiller Address:	158 LINWOOD PLAZA
Spiller City,St,Zip:	FT LEE, NJ 07024
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2

141 E 21 ST - BKLN (Continued) **S102671516**

DER Facility ID: 101454
DEC Memo: Not reported
Remarks: 5K TK IN TK RM IN OPERATION - DISCOVERED BY SUPER 2 YRS AGO - KNOWN BY CALLER 1 YR AGO - BAYSIDE OIL PRESENT F O SUPPLR TO DO CLEANUP.

Material:
Site ID: 116616
Operable Unit ID: 939142
Operable Unit: 01
Material ID: 441816
Material Code: 0003
Material Name: #6 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 8912349
Spill Date: 04/01/1988
Spill Time: 12:00
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 03/29/90
Cleanup Ceased: 03/29/90
Cleanup Meets Standard: True
Investigator: O'DOWD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/29/90

141 E 21 ST - BKLN (Continued) **S102671516**

Reported to Department Time: 10:09
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: STERLING REALTY
Spiller Address: 158 LINWOOD PLAZA
Spiller City,St,Zip: FT LEE, NJ 07024
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Local Agency
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/30/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/27/91
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: 5K TK IN TK RM IN OPERATION - DISCOVERED BY SUPER 2 YRS AGO - KNOWN BY CALLER 1 YR AGO - BAYSIDE OIL PRESENT F O SUPPLR TO DO CLEANUP.

N64 South 1/8-1/4 0.129 mi. 680 ft. | **LUGO HAIR CENTER**
20 SNYDER AVENUE
BROOKLYN, NY 11226

Site 3 of 3 in cluster N

AST | **A100294890**
N/A

Relative: Lower

Actual: 43 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-610169
Program Type:	PBS
UTM X:	588122.71984000003
UTM Y:	4500259.2527799997
Expiration Date:	N/A

Affiliation Records:

Site Id:	361749
Affiliation Type:	Mail Contact
Company Name:	LUGOS
Contact Type:	Not reported
Contact Name:	JOSE LUGO
Address1:	20 SNYDER AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 284-0370
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/19/2010

Site Id:	361749
Affiliation Type:	Owner
Company Name:	JOSE LUGO
Contact Type:	PRES.
Contact Name:	JOSE LUGO
Address1:	20 SNYDER AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 284-0370
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/29/2006

Site Id:	361749
Affiliation Type:	On-Site Operator
Company Name:	LUGO HAIR CENTER
Contact Type:	Not reported
Contact Name:	J. LUGO
Address1:	Not reported
Address2:	Not reported

LUGO HAIR CENTER (Continued) **A100294890**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 284-0370
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/29/2006

Site Id:	361749
Affiliation Type:	Emergency Contact
Company Name:	JOSE LUGO
Contact Type:	Not reported
Contact Name:	J. LUGO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 284-0370
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/29/2006

Tank Info:

Tank Number:	001
Tank Id:	210742
Tank Location:	2
Tank Type:	Steel Tank in Concrete
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1931
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	2/1/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	3/19/2010

65 SSE 1/8-1/4 0.129 mi. 682 ft. | **PUBLIC SCHOOL 6-BROOKLYN**
43 SNYDER AVENUE
BROOKLYN, NY 11226 | **AST** | **A100178454**
N/A

Relative: Lower

Actual: 44 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606274
Program Type:	PBS
UTM X:	588199.38806999999
UTM Y:	4500234.0461999997
Expiration Date:	2011/07/11

Affiliation Records:

Site Id:	28138
Affiliation Type:	On-Site Operator
Company Name:	PUBLIC SCHOOL 6
Contact Type:	Not reported
Contact Name:	PLANT OPERATION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28138
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPARMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/1/2006

Site Id:	28138
Affiliation Type:	Owner
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	JAMES A. MERLO
Address1:	44-36 VERNON BLVD.
Address2:	Not reported

PUBLIC SCHOOL 6-BROOKLYN (Continued) **A100178454**

City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/4/2007

Site Id:	28138
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	JAMES A. MERLO
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BLVD.
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	JMERLO@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	1/3/2007

Equipment Records:

K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
I02 - Overfill - High Level Alarm

Tank Info:

Tank Number:	001
Tank Id:	61201
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/1993
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported

PUBLIC SCHOOL 6-BROOKLYN (Continued) **A100178454**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	8/2/2006

Q66 **55 LINDEN BLVD** **UST** **U001835384**
NNE **55 LINDEN BLVD** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.132 mi.
698 ft. **Site 2 of 4 in cluster Q**

Relative:
Higher

Actual:
54 ft.

UST:

Facility Id:	2-279706
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2011/04/06
UTM X:	588230.51934999996
UTM Y:	4500641.9187799999

Affiliation Records:

Site Id:	12186
Affiliation Type:	Emergency Contact
Company Name:	55 LINDEN LLC, BB LINDEN LLC
Contact Type:	Not reported
Contact Name:	COLTOWN PROPERTIES LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 671-1060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/13/2006

Site Id:	12186
Affiliation Type:	On-Site Operator
Company Name:	55 LINDEN BLVD
Contact Type:	Not reported
Contact Name:	BROOKLYN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 444-7771
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/13/2006

55 LINDEN BLVD (Continued) **U001835384**

Site Id:	12186
Affiliation Type:	Owner
Company Name:	55 LINDEN LLC, BB LINDEN LLC
Contact Type:	PRINCIPAL
Contact Name:	ISREAL WEINBERSER
Address1:	95 DELANCEY STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 671-1060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/13/2006

Site Id:	12186
Affiliation Type:	Mail Contact
Company Name:	C/O COLTOWN PROPERTIES LLC
Contact Type:	Not reported
Contact Name:	55 LINDEN LLC
Address1:	95 DELANCEY STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 671-1060
Phone Ext:	Not reported
Email:	CUSTOMERSERVICE@COLTOWN.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/13/2006

Tank Info:

Site ID:	12186
Tank Number:	001
Tank ID:	14523
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/30/1935
Capacity Gallons:	5000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	11/13/2006

55 LINDEN BLVD (Continued) **U001835384**

HIST UST:

PBS Number:	2-279706
SPDES Number:	Not reported
Emergency Contact:	JRD MANAGEMENT CORP
Emergency Telephone:	(914) 632-1975
Operator:	CLARENCE NUNEZ
Operator Telephone:	(718) 284-1832
Owner Name:	WIENER EQUITY ASSOCIATES
Owner Address:	875 MAMARONECK AV
Owner City,St,Zip:	MAMARONECK, NY 10543
Owner Telephone:	(914) 381-5420
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	WIENER EQUITY ASSOCIATES
Mailing Address:	875 MAMARONECK AV
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MAMARONECK, NY 10543
Mailing Contact:	RICHARD MURPHY
Mailing Telephone:	(914) 381-5420
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	55 LINDEN BLVD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/14/1997
Expiration Date:	07/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported

55 LINDEN BLVD (Continued) **U001835384**

Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Q67 **APARTMENT BUILDING** **LTANKS** **S108298772**
NNE **55 LINDEN BLVD** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.132 mi.
698 ft. **Site 3 of 4 in cluster Q**

Relative:
Higher

Actual:
54 ft.

LTANKS:

Site ID:	373017
Spill No:	0608934
Spill Date:	11/3/2006
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/14/2007
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	11/3/2006
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/3/2006
Spill Record Last Update:	2/14/2007
Spiller Name:	CENTURY STAR FUEL
Spiller Company:	Not reported
Spiller Address:	55 LINDEN BLVD
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	CENTURY STAR FUEL
Spiller Phone:	(917) 440-7362
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	322745

APARTMENT BUILDING (Continued) **S108298772**

DEC Memo: 11/06/06-Hiralkumar Patel. visite site on 11/03. met cleanup crew from Petroleum. met Mr. Calebmungo (917-655-7440), super at building. super doesn't know size of tank or tank registration as he started his job on 11/01. tank is underground. boiler room is close to tank location. found countinous flow of oil coming out from wall, which is close to tank, into boiler room. vacuum truck was on scene. Israel Weinderger 55 Linden LLC 95 Delancey Street New York, NY 10002 PH. (212) 254-4374 FAX (212) 353-0564 spoke with Chris (347-865-9917), previous super. Chris worked at site for about 3 months during summer. Chris also doens't know the size of tank as he never used oil. building has both oil and gas burner and they used gas during summer. spoke with Joe at Petroleum today. they have pumped out tank. it is 5000 gal tank. as per Joe, oil stopped coming out through holes into boiler room once they emptied out tank. sent out CSL, requiring tank test, soil/groundwater delineation and endpoint samples, to Mr. Weinderger. letter faxed to Mr. Weinderger and to Joe (Ph. 718-624-4842, FAx 718-858-4268) at Petroleum. 11/17/06-Hiralkumar Patel. visited site while visiting other site in neighbourhood. met super at building. found floor in boiler room in very bad condition. also found oil/water coming into tank. 11/21/06-Hiralkumar Patel. called management office for Mr. Weinderger. operator told me that Ms. Giovanna will call me back, a person handling maintanence department. received call from Ms. Giovanna. she doesn't know anything about oil spill. she transferred to Mr. Weinderger, who transferred to Charlie. spoke with Charlie Krause (917-295-0572). they have hired ATS for tank testing. explained Mr. Weinderger and Charlie that soil investigation and contamianted soil removal required in boiler room also as floor is in bad condition. as per Mr. Weinderger, they took over this property recently and doing renovation. asked Charlie to send company's name and number who will going to do soil investigation and cleanup, with copy of signed proposal. 11/22/06-Hiralkumar Patel. received message from Charlie. ATS will do tank test next week. 11/27/06-Hiralkumar Patel. received message from Charlie. ATS will do tank test on 11/29/06. 11/28/06-Hiralkumar Patel. received call from Tony Maricic (908-518-0732) from OIl Tank Service. Mr. Maricic was contacted by property manager for tank removal. Mr. Maricic is doing business of tank removal in NJ. he doesn't have any license in NY State. asked Mr. Maricic to contact FDNY and NYCDOB for information about license required to remove oil tank. Mr. Maricic will call back. 11/29/06-Hiralkumar Patel. received message from Charlie. spoke with Charlie. Charlie is dealing with PTC and Oil tank service. once he decided about which company will do further work, he will send copy of signed proposal. 12/06/06-Hiralkumar Patel. received call from Charlie. he got proposal from different companies and once he decides who will going to do cleanup, he will send copy of signed proposal. 12/11/06-Hiralkumar Patel. received message from Charlie. they have hired Eastmond for further cleanup. 12/12/06-Hiralkumar Patel. received copy of signed contract from Charlie. Eastmond will do tank removal work and will remove any contamination. 12/16/06-Hiralkumar Patel. received call from Charlie. he will check with Isaac about starting date of tank removal and contaminated soil removal work. 12/21/06-Hiralkumar Patel. received message from Issac (Cell: 646-879-6703) from Eastmond. spoke with Isaac. they will start tank removal probably next week. 12/28/06-Hiralkumar Patel. received message from Isaac. he is at site. they have removed tank and found hole in tank. he will remove contaminated soil and will take endpoint

APARTMENT BUILDING (Continued) **S108298772**

samples. 02/12/07-Hiralkumar Patel. received closure report from Isaac. abstract: - removed 5000 gal #6 oil tank - removed 10 cubic yard contaminated soil - took three endpoint bottom samples Isaac took three bottom samples and haven't took any sidewall samples. asked him about leak through wall inside boiler room. he was believing that oil was coming from emergency door close to vent pipe. explained him that oil was seeping through wall inside boiler room and also during second site visit, i observed cracks in boiler room floor where oil was reached after leakage. Isaac will meet at site at 3 PM tomorrow. 02/14/07-Hiralkumar Patel. visited site. spoke with super. he mentioned that Eastmond excavated area close to boiler room wall. spoke with Isaac. as per him, tank was about 3 ft away from boiler room wall and spill was probably happened because of overfilling. no oil stains found in boiler room. based on available documents and site visits, case closed. NFA sent to Israel. letter faxed to Israel and Isaac.

Remarks: enroute to clean up fire dept on scene

Material:

Site ID:	373017
Operable Unit ID:	1130742
Operable Unit:	01
Material ID:	2120413
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

68
NE
1/8-1/4
0.132 mi.
697 ft.

2150 REALTY CORP. **AST** **A100291794**
2150 BEDFORD AVENUE **N/A**
BROOKLYN, NY 11226

Relative:
Higher

Actual:
52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608152

2150 REALTY CORP. (Continued) **A100291794**

Program Type:	PBS
UTM X:	588261.12537000002
UTM Y:	4500624.2667699996
Expiration Date:	2007/12/26

Affiliation Records:

Site Id:	30004
Affiliation Type:	Mail Contact
Company Name:	2150 REALTY CORP.
Contact Type:	Not reported
Contact Name:	ROBERT WEISZ
Address1:	BOX 190612
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 972-7862
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30004
Affiliation Type:	Owner
Company Name:	2150 RALTY CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	BOX 190612
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 438-0886
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30004
Affiliation Type:	On-Site Operator
Company Name:	2150 REALTY CORP.
Contact Type:	Not reported
Contact Name:	LOUIS CORTEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 972-7862
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

2150 REALTY CORP. (Continued) **A100291794**

Date Last Modified: 3/4/2004

Site Id: 30004
Affiliation Type: Emergency Contact
Company Name: 2150 RALTY CORP.
Contact Type: Not reported
Contact Name: ROBERT WEISZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 328-0309
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None

Tank Info:

Tank Number: 001
Tank Id: 64699
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Q69 NNE 1/8-1/4 0.132 mi. 699 ft. | **58 REALTY LLC**
58 LINDEN BOULEVARD
BROOKLYN, NY 11226 | **UST** | **U004107510**
N/A

Site 4 of 4 in cluster Q

Relative: Higher

Actual: 54 ft.

UST:

Facility Id:	2-235326
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2016/01/12
UTM X:	588229.00548000005
UTM Y:	4500641.8025000002

Affiliation Records:

Site Id:	8663
Affiliation Type:	Emergency Contact
Company Name:	58 REALTY LLC
Contact Type:	Not reported
Contact Name:	VICTORIA GEOFFRY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 282-5000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/30/2007

Site Id:	8663
Affiliation Type:	Owner
Company Name:	58 REALTY LLC
Contact Type:	OFFICER
Contact Name:	MEIR BOUSKILA
Address1:	P.O. BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/26/2010

Site Id:	8663
Affiliation Type:	Mail Contact
Company Name:	58 REALTY NY LLC
Contact Type:	Not reported
Contact Name:	MEIR BOUSKILLA
Address1:	PO BOX 1920
Address2:	Not reported

58 REALTY LLC (Continued) **U004107510**

City:	NEW YORK
State:	NY
Zip Code:	10116
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/30/2007

Site Id:	8663
Affiliation Type:	On-Site Operator
Company Name:	58 REALTY LLC
Contact Type:	Not reported
Contact Name:	JOHN GROOM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 772-7367
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/30/2007

Tank Info:

Site ID:	8663

Tank Number:	001
Tank ID:	11049
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/10/1926
Capacity Gallons:	3000
Tightness Test Method:	21
Next Test Date:	10/11/2012
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/11/2007
Register:	True
Modified By:	bkfalvey
Last Modified:	2/15/2008

R70 WNW 1/8-1/4 0.137 mi. 722 ft. | **EAST STERLING REALTY CORP.**
131 EAST 21ST STREET
BROOKLYN, NY 11226

Site 3 of 3 in cluster R

AST **U003396904**
HIST AST **N/A**

Relative: Higher

Actual: 52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-602918
Program Type:	PBS
UTM X:	587948.42565999995
UTM Y:	4500554.0932
Expiration Date:	2015/01/01

Affiliation Records:

Site Id:	24873
Affiliation Type:	Owner
Company Name:	WEST STERLING REALTY LLC
Contact Type:	VICE PRESIDENT
Contact Name:	ISAAC HAGER
Address1:	438 KINGSTON AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/21/2006

Site Id:	24873
Affiliation Type:	Mail Contact
Company Name:	WEST STERLING REALTY
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	438 KIMGSTON AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/21/2006

Site Id:	24873
Affiliation Type:	Emergency Contact
Company Name:	WEST STERLING REALTY LLC
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	Not reported
Address2:	Not reported

EAST STERLING REALTY CORP. (Continued) **U003396904**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/21/2006

Site Id:	24873
Affiliation Type:	On-Site Operator
Company Name:	WEST STERLING REALTY LLC
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/21/2006

Tank Info:

Tank Number:	001
Tank Id:	52090
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1927
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	11/21/2006

HIST AST:

PBS Number:	2-602918
SWIS Code:	6101
Operator:	JOSEPH BROWN
Facility Phone:	(718) 284-1264
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	MILTON MANNING

EAST STERLING REALTY CORP. (Continued) **U003396904**

Emergency Tel:	(212) 283-7914
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	EAST STERLING REALTY CORP.
Owner Address:	880 ST. NICHOLAS AVE., #21
Owner City,St,Zip:	NEW YORK, NY 10032
Federal ID:	Not reported
Owner Tel:	(212) 283-7914
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MILTON MANNING
Mailing Name:	EAST STERLING REALTY CORP.
Mailing Address:	880 ST. NICHOLAS AVE., #21
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10032
Mailing Telephone:	(212) 283-7914
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/06/1997
Expiration:	02/05/2002
Renew Flag:	False
Renew Date:	20011030
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Aboveground
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	Not reported
Overfill Protection:	06
Dispenser Method:	Suction
Date Tested:	Not reported

EAST STERLING REALTY CORP. (Continued) **U003396904**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

S71 **2245 BEDFORD AVENUE** **AST** **A100291830**
SE **2245 BEDFORD AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11216**
0.137 mi.
725 ft. **Site 1 of 4 in cluster S**

Relative:
Lower

Actual:
46 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609829
Program Type:	PBS
UTM X:	588292.05867000006
UTM Y:	4500333.5364100002
Expiration Date:	2010/01/27

Affiliation Records:

Site Id:	336763
Affiliation Type:	Owner
Company Name:	MADISON SQUARE BOYS & GIRLS CLUB
Contact Type:	AGENT
Contact Name:	HERRY W, TRAKTMAN
Address1:	350 5TH AVENUE - SUITE 912
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 531-3794
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/27/2005

Site Id:	336763
Affiliation Type:	Emergency Contact
Company Name:	MADISON SQUARE BOYS & GIRLS CLUB
Contact Type:	Not reported
Contact Name:	CHRIS MCANINCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 440-4630
Phone Ext:	Not reported
Email:	Not reported

2245 BEDFORD AVENUE (Continued) **A100291830**

Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/27/2005

Site Id:	336763
Affiliation Type:	Mail Contact
Company Name:	METROPOLITAN HEAT & POWER CO. INC.
Contact Type:	Not reported
Contact Name:	HENRY TRAKTMAN
Address1:	820 CONEY ISLAND AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 941-7600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/14/2006

Site Id:	336763
Affiliation Type:	On-Site Operator
Company Name:	2245 BEDFORD AVENUE
Contact Type:	Not reported
Contact Name:	STEVE MELTON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 531-3794
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/27/2005

Tank Info:

Tank Number:	001
Tank Id:	181622
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/2004
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG

2245 BEDFORD AVENUE (Continued) **A100291830**

Last Modified: 1/27/2005

S72
SE
1/8-1/4
0.137 mi.
725 ft.

2245 BEDFORD AVENUE
2245 BEDFORD AVENUE
BROOKLYN, NY 11216

UST **U004078523**
N/A

Site 2 of 4 in cluster S

Relative:
Lower

Actual:
46 ft.

UST:

Facility Id:	2-609829
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2010/01/27
UTM X:	588292.05867000006
UTM Y:	4500333.5364100002

Affiliation Records:

Site Id:	336763
Affiliation Type:	Owner
Company Name:	MADISON SQUARE BOYS & GIRLS CLUB
Contact Type:	AGENT
Contact Name:	HERRY W, TRAKTMAN
Address1:	350 5TH AVENUE - SUITE 912
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 531-3794
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/27/2005

Site Id:	336763
Affiliation Type:	Emergency Contact
Company Name:	MADISON SQUARE BOYS & GIRLS CLUB
Contact Type:	Not reported
Contact Name:	CHRIS MCANINCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 440-4630
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/27/2005

Site Id:	336763
Affiliation Type:	Mail Contact
Company Name:	METROPOLITAN HEAT & POWER CO. INC.

2245 BEDFORD AVENUE (Continued) **U004078523**

Contact Type:	Not reported
Contact Name:	HENRY TRAKTMAN
Address1:	820 CONEY ISLAND AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 941-7600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/14/2006

Site Id:	336763
Affiliation Type:	On-Site Operator
Company Name:	2245 BEDFORD AVENUE
Contact Type:	Not reported
Contact Name:	STEVE MELTON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 531-3794
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/27/2005

Tank Info:

Site ID:	336763

Tank Number:	002
Tank ID:	181626
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	2/9/2005
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	2/15/2005

S73 SE 1/8-1/4 0.137 mi. 725 ft. | **MADISON SQ BOYS AND GIRLS CLUB 2245 BEDFORD AV BROOKLYN, NY** | **LTANKS HIST LTANKS** | **S105135516 N/A**

Site 3 of 4 in cluster S

Relative: Lower

Actual: 46 ft.

LTANKS:

Site ID:	288693
Spill No:	0106438
Spill Date:	9/19/2001
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/18/2006
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	MJHAGGER
Referred To:	Not reported
Reported to Dept:	9/19/2001
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/19/2001
Spill Record Last Update:	1/24/2006
Spiller Name:	RON SKEETE
Spiller Company:	MADISON SQ BOYS AND GIRLS
Spiller Address:	CLUB 2245 BEDFORD AV
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	RON SKEETE
Spiller Phone:	(718) 462-6100
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	233831
DEC Memo:	1/18/2006 - Haggerty - received fax from John Leddy of Protest (631-321-4766). Fax contained (1)invoice for the failed tank test in the ullage-dry portion of the tank on 9/19/2001. (2)invoice for repairs to the tank system-isolated and replaced problem areas including re-welding manway, installed new fill line and vent line (3)invoice for tank test on 10/29/2001 which passed Spill closed 1/18/06
Remarks:	at top of tank isolate and retest

Material:

Site ID:	288693
Operable Unit ID:	844704
Operable Unit:	01
Material ID:	531295
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum

MADISON SQ BOYS AND GIRLS (Continued) **S105135516**

Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	288693
Spill Tank Test:	1526616
Tank Number:	1
Tank Size:	3000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

HIST LTANKS:

Region of Spill:	2
Spill Number:	0106438
Spill Date:	09/19/2001
Spill Time:	13:30
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	DEMEO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	09/19/01
Reported to Department Time:	14:42
SWIS:	61
Spiller Contact:	RON SKEETE
Spiller Phone:	(718) 462-6100
Spiller Extention:	Not reported
Spiller Name:	MADISON SQ BOYS AND GIRLS
Spiller Address:	CLUB 2245 BEDFORD AV
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	RON SKEETE
Facility Phone:	(718) 462-6100
Facility Extention:	Not reported
Spill Notifier:	Tank Tester

MADISON SQ BOYS AND GIRLS (Continued) **S105135516**

PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/19/01
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 09/21/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 3000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: at top of tank isolate and retest

T74 **GILBERT HELMAN** **AST** **A100300659**
NNW **833 FLATBUSH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.138 mi.
728 ft. **Site 1 of 2 in cluster T**

Relative:
Higher

Actual:
53 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-160911
Program Type: PBS
UTM X: 588037.45403000002
UTM Y: 4500624.4486199999
Expiration Date: N/A

Affiliation Records:
Site Id: 5519
Affiliation Type: Mail Contact
Company Name: GILBERT HELMAN
Contact Type: Not reported
Contact Name: Not reported

GILBERT HELMAN (Continued) **A100300659**

Address1:	16 COURT ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11241
Country Code:	001
Phone:	(718) 624-4563
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/14/2004

Site Id:	5519
Affiliation Type:	Emergency Contact
Company Name:	GILBERT HELMAN
Contact Type:	Not reported
Contact Name:	GILBERT HELMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 624-4563
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	5519
Affiliation Type:	On-Site Operator
Company Name:	GILBERT HELMAN
Contact Type:	Not reported
Contact Name:	GILBERT HELMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 624-4563
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	5519
Affiliation Type:	Owner
Company Name:	GILBERT HELMAN
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	16 COURT ST
Address2:	Not reported
City:	BROOKLYN

GILBERT HELMAN (Continued) **A100300659**

State:	NY
Zip Code:	11241
Country Code:	001
Phone:	(718) 624-4563
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/14/2004

Tank Info:

Tank Number:	001
Tank Id:	24715
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

U75 **104 MARTENSE STREET** **AST** **A100157521**
ENE **104 MARTENSE STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.141 mi.
744 ft. **Site 1 of 3 in cluster U**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-246883
Program Type:	PBS
UTM X:	588355.54472000001
UTM Y:	4500546.1943899998
Expiration Date:	2012/07/07

Affiliation Records:

Site Id:	9677
Affiliation Type:	Owner
Company Name:	CORION REALTY LLC
Contact Type:	OWNER
Contact Name:	ALBERT CORION
Address1:	PO BOX 30314 RUGBY STATION
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11203
Country Code:	001
Phone:	(347) 245-5025

104 MARTENSE STREET (Continued) **A100157521**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	5/22/2007

Site Id:	9677
Affiliation Type:	Mail Contact
Company Name:	CORION REALTY CORP
Contact Type:	PRES
Contact Name:	ALBERT CORION
Address1:	PO BOX 30314 RUGBY STATION
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11203
Country Code:	001
Phone:	(347) 245-5025
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	1/14/2008

Site Id:	9677
Affiliation Type:	Emergency Contact
Company Name:	CORION REALTY LLC
Contact Type:	Not reported
Contact Name:	ALBERT CORION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 245-5025
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	5/22/2007

Site Id:	9677
Affiliation Type:	On-Site Operator
Company Name:	104 MARTENSE STREET
Contact Type:	Not reported
Contact Name:	ALBERT CORION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 245-5025
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

104 MARTENSE STREET (Continued) **A100157521**

Modified By: msbaptis
Date Last Modified: 5/22/2007

Tank Info:

Tank Number: 001
Tank Id: 10629
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 4/30/1956
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: msbaptis
Last Modified: 5/22/2007

V76 **70 LINDEN BLVD** **HIST UST** **U001834695**
NNE **70 LINDEN BLVD** **AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11218** **HIST AST**
0.141 mi.
746 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
53 ft.

HIST UST:
PBS Number: 2-199346
SPDES Number: Not reported
Emergency Contact: THEODORE WEINBERGER
Emergency Telephone: (718) 965-1405
Operator: MARNOLD VENEGAS
Operator Telephone: (718) 965-1500
Owner Name: 70 LINDEN REALTY CO.
Owner Address: 247 SEELEY STREET
Owner City,St,Zip: BROOKLYN, NY 11226
Owner Telephone: (718) 965-1500
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: 70 LINDEN REALTY CO.
Mailing Address: 247 SEELEY STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11218
Mailing Contact: THEODORE WEINBERGER
Mailing Telephone: (718) 965-1405
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 70 LINDEN BLVD
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: APARTMENT BUILDING
Inspected Date: Not reported
Inspector: Not reported

70 LINDEN BLVD (Continued) **U001834695**

Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/07/2001
Expiration Date:	10/02/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	00100
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge, Vent Whistle
Dispenser:	Suction
Date Tested:	08/01/1998
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	07/01/2001
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-199346
Program Type:	PBS
UTM X:	588268.74465999997
UTM Y:	4500644.8550199997
Expiration Date:	2012/10/02

Affiliation Records:

Site Id:	6657

70 LINDEN BLVD (Continued) **U001834695**

Affiliation Type:	On-Site Operator
Company Name:	70 LINDEN BLVD
Contact Type:	Not reported
Contact Name:	FRANCIS SPRINGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6657
Affiliation Type:	Emergency Contact
Company Name:	70 LINDEN REALTY CO.
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1405
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6657
Affiliation Type:	Owner
Company Name:	70 LINDEN REALTY CO.
Contact Type:	MANAGING AGENT
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 965-1500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/21/2007

Site Id:	6657
Affiliation Type:	Mail Contact
Company Name:	70 LINDEN REALTY CO.
Contact Type:	Not reported

70 LINDEN BLVD (Continued) **U001834695**

Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 965-1405
Phone Ext:	Not reported
Email:	MEBMETK@DSJMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/21/2007

Tank Info:

Tank Number:	002
Tank Id:	61644
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/2001
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-199346
SWIS Code:	6101
Operator:	MARNOLD VENEGAS
Facility Phone:	(718) 965-1500
Facility Addr2:	70 LINDEN BLVD
Facility Type:	APARTMENT BUILDING
Emergency:	THEODORE WEINBERGER
Emergency Tel:	(718) 965-1405
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	70 LINDEN REALTY CO.
Owner Address:	247 SEELEY STREET
Owner City,St,Zip:	BROOKLYN, NY 11226
Federal ID:	Not reported
Owner Tel:	(718) 965-1500
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	THEODORE WEINBERGER
Mailing Name:	70 LINDEN REALTY CO.
Mailing Address:	247 SEELEY STREET

70 LINDEN BLVD (Continued) **U001834695**

Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11218
Mailing Telephone:	(718) 965-1405
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/07/2001
Expiration:	10/02/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	20010701
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	1
Tank Containment:	1A
Leak Detection:	9
Overfill Protection:	46
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

V77 NNE 1/8-1/4 0.141 mi. 746 ft. | **70 LINDEN BLVD**
70 LINDEN BLVD
BROOKLYN, NY 11218

Site 2 of 2 in cluster V

UST | **U004076639**
N/A

Relative: Higher

Actual: 53 ft.

UST:

Facility Id:	2-199346
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/10/02
UTM X:	588268.74465999997
UTM Y:	4500644.8550199997

Affiliation Records:

Site Id:	6657
Affiliation Type:	On-Site Operator
Company Name:	70 LINDEN BLVD
Contact Type:	Not reported
Contact Name:	FRANCIS SPRINGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6657
Affiliation Type:	Emergency Contact
Company Name:	70 LINDEN REALTY CO.
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-1405
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6657
Affiliation Type:	Owner
Company Name:	70 LINDEN REALTY CO.
Contact Type:	MANAGING AGENT
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY STREET
Address2:	Not reported

70 LINDEN BLVD (Continued) **U004076639**

City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 965-1500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/21/2007

Site Id:	6657
Affiliation Type:	Mail Contact
Company Name:	70 LINDEN REALTY CO.
Contact Type:	Not reported
Contact Name:	THEODORE WEINBERGER
Address1:	247 SEELEY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 965-1405
Phone Ext:	Not reported
Email:	MEBMETK@DSJMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/21/2007

Tank Info:

Site ID:	6657

Tank Number:	00100
Tank ID:	12454
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	7/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	8/1/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

T78 NNW 1/8-1/4 0.146 mi. 772 ft. | **829 FLATBUSH AVE**
829 FLATBUSH AVE
BROOKLYN, NY 11226

Site 2 of 2 in cluster T

AST | **A100300689**
N/A

Relative: Higher

Actual: 53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-280364
Program Type:	PBS
UTM X:	588033.94221000001
UTM Y:	4500640.4350300003
Expiration Date:	N/A

Affiliation Records:

Site Id:	12245
Affiliation Type:	Emergency Contact
Company Name:	JEROME BLOOM
Contact Type:	Not reported
Contact Name:	MILTON WEINSTEIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 852-4700
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12245
Affiliation Type:	Owner
Company Name:	JEROME BLOOM
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	16 COURT ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11241
Country Code:	001
Phone:	(718) 852-4700
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/16/2004

Site Id:	12245
Affiliation Type:	On-Site Operator
Company Name:	829 FLATBUSH AVE
Contact Type:	Not reported
Contact Name:	PRINCE PRIEST
Address1:	Not reported
Address2:	Not reported

829 FLATBUSH AVE (Continued) **A100300689**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 812-4700
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12245
Affiliation Type:	Mail Contact
Company Name:	JEROME BLOOM
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	16 COURT ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11241
Country Code:	001
Phone:	(718) 852-4700
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/16/2004

Tank Info:

Tank Number:	001
Tank Id:	14577
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

U79 ENE 1/8-1/4 0.150 mi. 792 ft. | **APARTMENT BLDG**
110-118 MARTENSE ST
BROOKLYN, NY

Site 2 of 3 in cluster U

LTANKS | **S110540947**
N/A

Relative: Higher

Actual: 51 ft.

LTANKS:

Site ID:	439112
Spill No:	1005782
Spill Date:	8/24/2010
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Not reported
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	8/24/2010
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	8/24/2010
Spill Record Last Update:	8/25/2010
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller County:	Not reported
Spiller Contact:	MR PEARL
Spiller Phone:	(718) 387-4802
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	394106
DEC Memo:	8/25/10-HRAHMED-PBS#2-044873 Assinged to DEC Sangesland for routine followup.
Remarks:	MANHOLE COVERED. NOTHING LEAKING

Material:

Site ID:	439112
Operable Unit ID:	1189760
Operable Unit:	01
Material ID:	2184720
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

APARTMENT BLDG (Continued) **S110540947**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

U80 **APARTMENT HOUSE** **AST** **U003383395**
ENE **110 MARTENSE ST** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.150 mi.
792 ft. **Site 3 of 3 in cluster U**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-044873
Program Type:	PBS
UTM X:	588372.16845
UTM Y:	4500547.4356399998
Expiration Date:	2007/07/05

Affiliation Records:

Site Id:	519
Affiliation Type:	Owner
Company Name:	MARTENSE 110 LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5014-16 AVE SUITE 257
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 851-4773
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	519
Affiliation Type:	Mail Contact
Company Name:	MARTENSE 110 LLC
Contact Type:	Not reported
Contact Name:	MARTENSE 110 LLC
Address1:	5014 16TH AVE
Address2:	SUITE 257
City:	BROOKLYN
State:	NY
Zip Code:	11204

APARTMENT HOUSE (Continued) **U003383395**

Country Code:	001
Phone:	(718) 851-4773
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	519
Affiliation Type:	On-Site Operator
Company Name:	110 MARTENSE STREET
Contact Type:	Not reported
Contact Name:	GEORGE VEGERRA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 604-6656
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	519
Affiliation Type:	Emergency Contact
Company Name:	MARTENSE 110 LLC
Contact Type:	Not reported
Contact Name:	JOHN ZAMILLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 851-4773
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	1395
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported

APARTMENT HOUSE (Continued) **U003383395**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-044873
SWIS Code:	6101
Operator:	SELWYN FORSYTHE
Facility Phone:	(718) 856-6684
Facility Addr2:	110 MARTENSE ST
Facility Type:	Not reported
Emergency:	SELWYN FORSYTHE
Emergency Tel:	(718) 284-9697
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	D H & M ENTERPRISES INC
Owner Address:	36 15 109TH ST
Owner City,St,Zip:	CORONA, NY 11368
Federal ID:	Not reported
Owner Tel:	(718) 651-7150
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	D H & M ENTERPRISES INC
Mailing Address:	36 15 109TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	CORONA, NY 11368
Mailing Telephone:	(718) 651-7150
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	12/02/1986
Expiration:	12/02/1991
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2500
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported

APARTMENT HOUSE (Continued) **U003383395**

Capacity (Gal):	2500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

S81 **2255 BEDFORD DEVELOPMENT ASSOCIATES, LP** **AST** **U003396552**
SE **2255 BEDFORD AVENUE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.150 mi.
791 ft. **Site 4 of 4 in cluster S**

Relative:
Lower

Actual:
46 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-602281
Program Type:	PBS
UTM X:	588321.59273999999
UTM Y:	4500269.3421999998
Expiration Date:	N/A

Affiliation Records:

Site Id:	24239
Affiliation Type:	Owner
Company Name:	2255 BEDFORD DEVELOPMENT ASSOCIATES, LP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	C/O CENTURY BUILDING ASSOCIATES #34 34ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11232
Country Code:	001
Phone:	(718) 832-6500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

2255 BEDFORD DEVELOPMENT ASSOCIATES, LP (Continued) **U003396552**

Site Id:	24239
Affiliation Type:	On-Site Operator
Company Name:	2255 BEDFORD DEVELOPMENT ASSOCIATES, LP
Contact Type:	Not reported
Contact Name:	ALEKSANDER GOLDIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 832-6500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	24239
Affiliation Type:	Emergency Contact
Company Name:	2255 BEDFORD DEVELOPMENT ASSOCIATES, LP
Contact Type:	Not reported
Contact Name:	ALEKSANDER GOLDIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 832-6500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	24239
Affiliation Type:	Mail Contact
Company Name:	2255 BEDFORD DEVELOPMENT ASSOCIATES, LP
Contact Type:	Not reported
Contact Name:	ALEKSANDER GOLDIN
Address1:	C/O CENTURY BUILDING ASSOCIATES #34 34ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11232
Country Code:	001
Phone:	(718) 832-6500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001

2255 BEDFORD DEVELOPMENT ASSOCIATES, LP (Continued) **U003396552**

Tank Id:	49717
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-602281
SWIS Code:	6101
Operator:	ALEKSANDER GOLDIN
Facility Phone:	(718) 832-6500
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	ALEKSANDER GOLDIN
Emergency Tel:	(718) 832-6500
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	2255 BEDFORD DEVELOPMENT ASSOCIATES, LP
Owner Address:	C/O CENTURY BUILDING ASSOCIATES #34 34ST
Owner City,St,Zip:	BROOKLYN, NY 11232
Federal ID:	Not reported
Owner Tel:	(718) 832-6500
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	ALEKSANDER GOLDIN
Mailing Name:	2255 BEDFORD DEVELOPMENT ASSOCIATES, LP
Mailing Address:	C/O CENTURY BUILDING ASSOCIATES #34 34ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11232
Mailing Telephone:	(718) 832-6500
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	Not reported
Expiration:	06/15/2000
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported

2255 BEDFORD DEVELOPMENT ASSOCIATES, LP (Continued) **U003396552**

Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	1
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	00
Overfill Protection:	64
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

W82 **111 REALTY ASSOCIATES** **AST** **U003390778**
NW **111 EAST 21 ST** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.157 mi.
827 ft. **Site 1 of 5 in cluster W**

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-323314
Program Type:	PBS
UTM X:	587936.56871000002
UTM Y:	4500630.2462499999
Expiration Date:	2012/08/28

Affiliation Records:

Site Id:	15102
Affiliation Type:	Emergency Contact
Company Name:	111 REALTY ASSOCIATES
Contact Type:	Not reported
Contact Name:	LOUIS MUNOZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

111 REALTY ASSOCIATES (Continued) **U003390778**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 871-8500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15102
Affiliation Type:	Mail Contact
Company Name:	111 REALTY ASSOCIATES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5414 NEW UTRECHT AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 871-8500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15102
Affiliation Type:	Owner
Company Name:	111 REALTY ASSOCIATES
Contact Type:	MANAGING AGENT
Contact Name:	SAMS FARKAS
Address1:	5414 NEW UTRECHT AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 871-8500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	6/20/2007

Site Id:	15102
Affiliation Type:	On-Site Operator
Company Name:	111 REALTY ASSOCIATES
Contact Type:	Not reported
Contact Name:	LOUIS MUNOZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 871-8500

111 REALTY ASSOCIATES (Continued) **U003390778**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	20033
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/13/1937
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	6/20/2007

HIST AST:

PBS Number:	2-323314
SWIS Code:	6101
Operator:	LOUIS MUNOZ
Facility Phone:	(718) 871-8500
Facility Addr2:	111 EAST 21 ST
Facility Type:	APARTMENT BUILDING
Emergency:	LOUIS MUNOZ
Emergency Tel:	(718) 871-8500
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	111 REALTY ASSOCIATES
Owner Address:	5414 NEW UTRECHT AVE
Owner City,St,Zip:	BROOKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 871-8500
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	111 REALTY ASSOCIATES
Mailing Address:	5414 NEW UTRECHT AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11219
Mailing Telephone:	(718) 871-8500
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False

111 REALTY ASSOCIATES (Continued) **U003390778**

Certification Date:	08/26/1997
Expiration:	08/28/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	Diking
Leak Detection:	4
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

X83 **LTANKS** **S105998037**
West **2014 CHURCH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.161 mi.
849 ft. **Site 1 of 6 in cluster X**

Relative:
Higher

Actual:
51 ft.

LTANKS:

Site ID:	166882
Spill No:	0210900
Spill Date:	1/30/2003
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/13/2003

(Continued) **S105998037**

Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	1/30/2003
CID:	252
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/30/2003
Spill Record Last Update:	11/13/2003
Spiller Name:	MR RUSCIO ELIA
Spiller Company:	Not reported
Spiller Address:	2014 CHURCH AVE
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller County:	001
Spiller Contact:	MR RUSCIO ELIA
Spiller Phone:	(718) 627-0280
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	140608
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" 1/30/2003-Vought-Tank test failure letter sent by fax and by mail to Elia Ruscio 2969 Avenue R Brooklyn, NY 11229. 2/6/2003 - Zhao: This tank is not currently registered under PBS program. According to Mark, Energy Stars Systems, application will be sent to the Dept. 11/13/2003-Spill transferred from Tipple to Vought. Phase II Report-6/9/2003 Environmental Systems Group 732-919-2092. Tank is located under the sidewalk in front of 521-27 Ocean Ave. Tank is a 2000-gallon #2 fuel oil UST. Site converted to natural gas so tank is empty and is no longer in use. Geoprobe sampling performed to a depth of 12'(four feet two inches below tank invert). No groundwate encountered. Two borings performed to a depth of 20'. Six borings were performed and six samples were sent for 8021/8270 analyses. Soil analyticals show no TAGM 4046 Required Soil Cleanup Objective exceedances. Tank will be abandoned in place. Spill closed by Vought.
Remarks:	TANK FAILED-NO FURTHER INFO

Material:

Site ID:	166882
Operable Unit ID:	861952
Operable Unit:	01
Material ID:	514271
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

(Continued) **S105998037**

Tank Test:

Site ID:	166882
Spill Tank Test:	1527988
Tank Number:	1
Tank Size:	2000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

X84 West 1/8-1/4 0.161 mi. 849 ft. **RUSCIO PLAZA CORP 2014 CHURCH AVENUE BROOKLYN, NY 11226** **UST** **U004048186 N/A**

Site 2 of 6 in cluster X

Relative: Higher

Actual: 51 ft.

UST:

Facility Id:	2-608325
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	587861.18776999996
UTM Y:	4500429.7947199997

Affiliation Records:

Site Id:	30177
Affiliation Type:	Mail Contact
Company Name:	RUSCIO PLAZA CORP
Contact Type:	Not reported
Contact Name:	ELIA & ALBERT RUSCIO
Address1:	2969 AVENUE R
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11229
Country Code:	001
Phone:	(718) 627-0280
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30177
Affiliation Type:	Owner
Company Name:	ELIA & ALBERT RUSCIO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2969 AVENUE R
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11229

RUSCIO PLAZA CORP (Continued) **U004048186**

Country Code:	001
Phone:	(718) 627-0280
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30177
Affiliation Type:	Emergency Contact
Company Name:	ELIA & ALBERT RUSCIO
Contact Type:	Not reported
Contact Name:	ALBERT RUSCIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 763-3471
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30177
Affiliation Type:	On-Site Operator
Company Name:	RUSCIO PLAZA CORP
Contact Type:	Not reported
Contact Name:	ELIA RUSCIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 627-0280
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	30177

Tank Number:	001
Tank ID:	65039
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	10/1/2003

RUSCIO PLAZA CORP (Continued) **U004048186**

Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Y85 **CON EDISON** **RCRA-NonGen** **1010326686**
NE **BEDFORD AVE & CATON AVE** **MANIFEST** **NYP004142527**
1/8-1/4 **BROOKLYN, NY 11201**
0.162 mi.
857 ft. **Site 1 of 4 in cluster Y**

Relative:
Higher

Actual:
53 ft.

RCRA-NonGen:

Date form received by agency:	11/17/2006
Facility name:	CON EDISON
Facility address:	BEDFORD AVE & CATON AVE BROOKLYN, NY 11201
EPA ID:	NYP004142527
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	DANIEL PONTECORVO
Contact address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 580-8383
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste
Handler accessibilty indicator:	Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	Unknown
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	Unknown
Underground injection activity:	Unknown
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	Unknown
Used oil processor:	Unknown
User oil refiner:	Unknown
Used oil fuel marketer to burner:	Unknown
Used oil Specification marketer:	Unknown
Used oil transfer facility:	Unknown
Used oil transporter:	Unknown
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	11/16/2006
Facility name:	CON EDISON
Classification:	Not a generator, verified
Date form received by agency:	11/15/2006
Facility name:	CON EDISON

CON EDISON (Continued) **1010326686**

Classification: Unverified

Violation Status: No violations found

NY MANIFEST:

EPA ID:	NYP004142527
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE1321992
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	05/31/2006
Trans1 Recv Date:	05/31/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/01/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004142527
Trans1 EPA ID:	69526JR
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00226
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	06

Z86 **NEW YORK TELEPHONE** **RCRA-NonGen** **1007205125**
NNW **FRONT OF 824 FLATBUSH AVE** **MANIFEST** **NYP000911222**
1/8-1/4 **BROOKLYN, NY 11226**
0.166 mi.
874 ft. **Site 1 of 2 in cluster Z**

Relative:
Higher

Actual:
53 ft.

RCRA-NonGen:

Date form received by agency:	03/27/1994
Facility name:	NEW YORK TELEPHONE
Facility address:	FRONT OF 824 FLATBUSH AVE BROOKLYN, NY 112260000
EPA ID:	NYP000911222
Mailing address:	1095 AVENUE OF THE AMERICAS ROOM 3025 NEW YORK, NY 100360000
Contact:	JOHN QUATRALE

NEW YORK TELEPHONE (Continued) **1007205125**

Contact address: 1095 AVENUE OF THE AMERICAS
NEW YORK, NY 100360000
Contact country: US
Contact telephone: (212) 395-2436
Telephone ext.: 9999
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: Unknown
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 03/26/1994
Facility name: NEW YORK TELEPHONE
Classification: Not a generator, verified

Date form received by agency: 03/25/1994
Facility name: NEW YORK TELEPHONE
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP000911222
Country: USA
Mailing Name: NYNEX
Mailing Contact: BENNY J STUMBO
Mailing Address: 1095 AVE OF AMER-RM 3025
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10036
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-395-6040

Document ID: NJA1765561
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC

NEW YORK TELEPHONE (Continued) **1007205125**

Trans1 State ID:	NJDEPES50
Trans2 State ID:	Not reported
Generator Ship Date:	931018
Trans1 Recv Date:	931018
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	931019
Part A Recv Date:	940127
Part B Recv Date:	931112
Generator EPA ID:	NYP000911222
Trans1 EPA ID:	NYD980761191
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00485
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	93

Y87 **77 LINDEN BLVD** **AST** **U003393379**
NE **77 LINDEN BLVD** **HIST AST** **N/A**
1/8-1/4 **BKLYN, NY 11226**
0.166 mi.
877 ft. **Site 2 of 4 in cluster Y**

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-338885
Program Type:	PBS
UTM X:	588308.75916000002
UTM Y:	4500647.8610899998
Expiration Date:	2012/10/29

Affiliation Records:

Site Id:	16305
Affiliation Type:	Mail Contact
Company Name:	MR CAPANI
Contact Type:	MANAGING AGENT
Contact Name:	Not reported
Address1:	7912-16-AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11214
Country Code:	001
Phone:	(718) 859-6425
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/6/2007

Site Id:	16305
Affiliation Type:	On-Site Operator

77 LINDEN BLVD (Continued) **U003393379**

Company Name:	77 LINDEN BLVD
Contact Type:	Not reported
Contact Name:	GENE GILES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 462-1637
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16305
Affiliation Type:	Owner
Company Name:	MR CAPANI
Contact Type:	MANAGING AGENT
Contact Name:	Not reported
Address1:	7912-16-AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11214
Country Code:	001
Phone:	(718) 859-6425
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/6/2007

Site Id:	16305
Affiliation Type:	Emergency Contact
Company Name:	MR CAPANI
Contact Type:	Not reported
Contact Name:	MR CAPANIL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 859-6425
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	27951
Tank Location:	1

77 LINDEN BLVD (Continued) **U003393379**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1935
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	9/6/2007

HIST AST:

PBS Number:	2-338885
SWIS Code:	6101
Operator:	GENE GILES
Facility Phone:	(718) 462-1637
Facility Addr2:	77 LINDEN BLVD
Facility Type:	APARTMENT BUILDING
Emergency:	MR CAPANIL
Emergency Tel:	(718) 859-6425
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MR CAPANI
Owner Address:	7912-16-AVENUE
Owner City,St,Zip:	BKLYN, NY 11214
Federal ID:	Not reported
Owner Tel:	(718) 859-6425
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	MR CAPANI
Mailing Address:	7912-16-AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11214
Mailing Telephone:	(718) 331-5422
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/05/1999
Expiration:	10/29/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY

77 LINDEN BLVD (Continued) **U003393379**

County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

X88 **OCEAN FIVE TWO TWO ASSOCIATES** **HIST UST** **U001837222**
West **522 OCEAN AVE** **N/A**
1/8-1/4 **BKLYN, NY 11230**
0.169 mi.
895 ft. **Site 3 of 6 in cluster X**

Relative:
Higher

Actual:
51 ft.

HIST UST:

PBS Number:	2-335096
SPDES Number:	Not reported
Emergency Contact:	STELLAR MANAGEMENT
Emergency Telephone:	(212) 406-0030
Operator:	WEELIAM TEEL
Operator Telephone:	(718) 462-4161
Owner Name:	STELLAR MANAGEMENT CO.
Owner Address:	156 WILLIAMS STREET, 10TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Telephone:	(212) 406-0030
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Name:	STELLAR MANAGEMENT. CO
Mailing Address:	156 WILLIAMS TREET
Mailing Address 2:	10TH FLOOR
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Contact:	JUDY CORDERO
Mailing Telephone:	(212) 406-0730
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is

OCEAN FIVE TWO TWO ASSOCIATES (Continued) **U001837222**

	greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	522 OCEAN AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	06/01/1998
Expiration Date:	05/29/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

X89 West 1/8-1/4 0.169 mi. 895 ft. | **CONSOLIDATED EDISON CO OF NY INC** | **MANIFEST** | **S108933447**
CHURCH & OCEAN AVE | **N/A**
BROOKLYN, NY

Site 4 of 6 in cluster X

Relative: Higher

Actual: 51 ft.

NY MANIFEST:

EPA ID:	NYP000793240
Country:	USA
Mailing Name:	CONSOLIDATED EDISON CO OF NY INC
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

NY MANIFEST:

No Manifest Records Available

X90 WSW 1/8-1/4 0.170 mi. 898 ft. | **533 OCEAN AVENUE** | **AST** | **A100073756**
533 OCEAN AVENUE | **N/A**
BROOKLYN, NY 11226

Site 5 of 6 in cluster X

Relative: Higher

Actual: 51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-272450
Program Type:	PBS
UTM X:	587884.28972
UTM Y:	4500367.2139600003
Expiration Date:	2012/06/18

Affiliation Records:

Site Id:	11545
Affiliation Type:	Owner
Company Name:	533 OCEAN REALTY LLC
Contact Type:	MGR
Contact Name:	DOV SANBERG
Address1:	P.O. BOX 300462
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230-0462
Country Code:	001
Phone:	(718) 854-5880
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/30/2007

Site Id:	11545
Affiliation Type:	Mail Contact

533 OCEAN AVENUE (Continued) **A100073756**

Company Name:	533 OCEAN REALTY LLC
Contact Type:	Not reported
Contact Name:	SUPER FACILITY MANAGER
Address1:	PO BOX 300462
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 854-5880
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/30/2007

Site Id:	11545
Affiliation Type:	On-Site Operator
Company Name:	533 OCEAN AVENUE
Contact Type:	Not reported
Contact Name:	DOV SANDBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 854-5880
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/30/2007

Site Id:	11545
Affiliation Type:	Emergency Contact
Company Name:	533 OCEAN REALTY LLC
Contact Type:	Not reported
Contact Name:	DOV SANDBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 854-5880
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/30/2007

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
C01 - Pipe Location - Aboveground

533 OCEAN AVENUE (Continued) **A100073756**

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction

Tank Info:

Tank Number:	001
Tank Id:	8849
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1940
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

X91
West
1/8-1/4
0.171 mi.
901 ft.

OCEAN FIVE TWO TWO ASSOCIATES **AST** **A100295359**
522 OCEAN AVENUE **N/A**
BROOKLYN, NY 11226

Site 6 of 6 in cluster X

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-335096
Program Type:	PBS
UTM X:	587878.47704999999
UTM Y:	4500397.3172000004
Expiration Date:	2013/05/29

Affiliation Records:

Site Id:	15965
Affiliation Type:	Owner
Company Name:	OCEAN FIVE TWO TWO ASSOCS.
Contact Type:	DIR. OF OPERATIONS
Contact Name:	FRANCINE SCHIFF
Address1:	156 WILLIAM ST., 10TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 406-0030
Phone Ext:	786
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR

OCEAN FIVE TWO TWO ASSOCIATES (Continued) **A100295359**

Date Last Modified:	7/23/2004

Site Id:	15965
Affiliation Type:	On-Site Operator
Company Name:	OCEAN FIVE TWO TWO ASSOCIATES
Contact Type:	Not reported
Contact Name:	MERVAN DACIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 954-6791
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2/15/2008

Site Id:	15965
Affiliation Type:	Mail Contact
Company Name:	STELLAR MANAGEMENT. CO
Contact Type:	Not reported
Contact Name:	KATINA V. VAZQUEZ
Address1:	156 WILLIAM STREET
Address2:	10TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2/15/2008

Site Id:	15965
Affiliation Type:	Emergency Contact
Company Name:	OCEAN FIVE TWO TWO ASSOCS.
Contact Type:	Not reported
Contact Name:	BESIM BESKOVIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 208-8984
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2/15/2008

OCEAN FIVE TWO TWO ASSOCIATES (Continued) **A100295359**

Tank Info:

Tank Number:	001
Tank Id:	20936
Tank Location:	4
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/5/1927
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	2/15/2008

W92 **100 E 21ST STREET** **AST** **U003384420**
NW **100 E 21ST ST** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.171 mi.
904 ft. **Site 2 of 5 in cluster W**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-100188
Program Type:	PBS
UTM X:	587936.56871000002
UTM Y:	4500630.2462499999
Expiration Date:	2013/01/23

Affiliation Records:

Site Id:	3027
Affiliation Type:	Owner
Company Name:	100 EAST 21ST EQUITIES LLC
Contact Type:	MANAGING AGENT
Contact Name:	JACOB HAGER
Address1:	544 PARK AVE., SUITE 610
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11205
Country Code:	001
Phone:	(718) 852-0978
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/26/2007

Site Id:	3027
Affiliation Type:	Mail Contact
Company Name:	100 EAST 21ST EQUITIES LLC
Contact Type:	Not reported

100 E 21ST STREET (Continued) **U003384420**

Contact Name:	JACOB HAGER
Address1:	544 PARK AVE. , SUITE 610
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11205
Country Code:	001
Phone:	(718) 852-0978
Phone Ext:	Not reported
Email:	JHAGER@HAGERMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/26/2007

Site Id:	3027
Affiliation Type:	On-Site Operator
Company Name:	100 E 21ST STREET EQUITIES LLC
Contact Type:	Not reported
Contact Name:	MARINO BATISTA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 715-7362
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/27/2007

Site Id:	3027
Affiliation Type:	Emergency Contact
Company Name:	100 EAST 21ST EQUITIES LLC
Contact Type:	Not reported
Contact Name:	HAGER MANAGEMENT, INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 852-0978
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/26/2007

Tank Info:

Tank Number:	001
Tank Id:	3750
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service

100 E 21ST STREET (Continued) **U003384420**

Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/2/1960
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	6/26/2007

HIST AST:

PBS Number:	2-100188
SWIS Code:	6101
Operator:	ALEX STERN
Facility Phone:	(718) 238-7297
Facility Addr2:	100 E 21ST ST
Facility Type:	APARTMENT BUILDING
Emergency:	ALEX STERN
Emergency Tel:	(718) 238-7297
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	ALEX STERN
Owner Address:	308 84TH STREET
Owner City,St,Zip:	BROOKLYN, NY 11209
Federal ID:	Not reported
Owner Tel:	(718) 238-7297
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	ALEX STERN
Mailing Address:	308 84TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11209
Mailing Telephone:	(718) 238-7297
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/19/1997
Expiration:	03/24/2002
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01

100 E 21ST STREET (Continued) **U003384420**

Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Vault (w/access)
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

W93 **CLEAN TEC ENVIRONMENTAL SERVICES** **RCRA-NonGen** **1004763064**
NW **100 E 21ST ST** **FINDS** **NYR000103242**
1/8-1/4 **BROOKLYN, NY 11226**
0.171 mi.
904 ft. **Site 3 of 5 in cluster W**

Relative:
Higher

Actual:
54 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	CLEAN TEC ENVIRONMENTAL SERVICES
Facility address:	100 E 21ST ST BROOKLYN, NY 11226
EPA ID:	NYR000103242
Mailing address:	E 21ST ST BROOKLYN, NY 11226
Contact:	EARLE BARRANCO
Contact address:	E 21ST ST BROOKLYN, NY 11226
Contact country:	US
Contact telephone:	(718) 941-2203
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	EARLE BARRANCO
Owner/operator address:	100 E 21ST ST BROOKLYN, NY 11226

CLEAN TEC ENVIRONMENTAL SERVICES (Continued) **1004763064**

Owner/operator country: US
Owner/operator telephone: (718) 941-2203
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: EARLE BARRANCO
Owner/operator address: 100 E 21ST ST
BROOKLYN, NY 11226
Owner/operator country: US
Owner/operator telephone: (718) 941-2203
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CLEAN TEC ENVIRONMENTAL SERVICES
Classification: Not a generator, verified

Date form received by agency: 01/07/2002
Facility name: CLEAN TEC ENVIRONMENTAL SERVICES
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110012193027

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

CLEAN TEC ENVIRONMENTAL SERVICES (Continued) **1004763064**

corrective action activities required under RCRA.

AA94 **APARTMENT HOUSE** **AST** **U003393591**
West **505 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.171 mi.
905 ft. **Site 1 of 3 in cluster AA**

Relative:
Higher

Actual:
52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-373605
Program Type:	PBS
UTM X:	587870.60117000004
UTM Y:	4500441.2658399995
Expiration Date:	2015/06/07

Affiliation Records:

Site Id:	18764
Affiliation Type:	Mail Contact
Company Name:	OCEAN 505 LLC
Contact Type:	Not reported
Contact Name:	JOHN WEINBERGR
Address1:	5014 16TH AVENUE
Address2:	#257
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 851-4773
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/18/2007

Site Id:	18764
Affiliation Type:	On-Site Operator
Company Name:	505 OCEAN AVE
Contact Type:	Not reported
Contact Name:	JOE ETWAROO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 359-6659
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/18/2007

Site Id:	18764
Affiliation Type:	Owner

APARTMENT HOUSE (Continued) **U003393591**

Company Name:	OCEAN 505 LLC
Contact Type:	MEMBER
Contact Name:	MR WIENBERGER
Address1:	5014 - 16TH AVE. #257
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 851-4773
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/1/2010

Site Id:	18764
Affiliation Type:	Emergency Contact
Company Name:	OCEAN 505 LLC
Contact Type:	Not reported
Contact Name:	MR. WEINBERGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 644-4371
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/18/2007

Tank Info:

Tank Number:	001
Tank Id:	30896
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1931
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	4/1/2010

HIST AST:

PBS Number:	2-373605
SWIS Code:	6101

APARTMENT HOUSE (Continued) **U003393591**

Operator:	JOKHAN ETWAROO
Facility Phone:	(718) 462-3305
Facility Addr2:	505 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	GUPTESHWAR PRASAD
Emergency Tel:	(718) 939-5487
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	505 REALTY ASSOCIATES
Owner Address:	P.O. BOX 300605 MIDWOOD STATION
Owner City,St,Zip:	BROOKLYN, NY 11230
Federal ID:	Not reported
Owner Tel:	(718) 258-1198
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	505 REALTY ASSOCIATES
Mailing Address:	1009 EAST 14TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11230
Mailing Telephone:	(718) 258-1198
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/16/1998
Expiration:	11/16/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported

APARTMENT HOUSE (Continued) **U003393591**

Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

W95 **MS EDERLE GIBBONS** **AST** **A100295177**
NW **97 EAST 21ST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.173 mi.
914 ft. **Site 4 of 5 in cluster W**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608526
Program Type:	PBS
UTM X:	587904.41222000006
UTM Y:	4500650.2383599998
Expiration Date:	2013/03/10

Affiliation Records:

Site Id:	30378
Affiliation Type:	Mail Contact
Company Name:	MS EDERLE GIBBONS
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	597 NEW YORK AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11203
Country Code:	001
Phone:	(718) 493-2971
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2/14/2008

Site Id:	30378
Affiliation Type:	On-Site Operator
Company Name:	MS EDERLE GIBBONS
Contact Type:	Not reported
Contact Name:	MR FRITZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

MS EDERLE GIBBONS (Continued) **A100295177**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 940-6818
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2/4/2008

Site Id:	30378
Affiliation Type:	Emergency Contact
Company Name:	MS EDERLE GIBBONS
Contact Type:	Not reported
Contact Name:	EDERLE GIBBONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 493-2971
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30378
Affiliation Type:	Owner
Company Name:	MS EDERLE GIBBONS
Contact Type:	OWNER
Contact Name:	EDERLE GIBBONS
Address1:	597 NEW YORK AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11203
Country Code:	001
Phone:	(718) 493-2971
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2/14/2008

Tank Info:

Tank Number:	001
Tank Id:	65281
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/1/1976
Capacity Gallons:	2500
Tightness Test Method:	NN

MS EDERLE GIBBONS (Continued) **A100295177**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	2/14/2008

W96 **97 EAST 21ST ST** **LTANKS** **S105998154**
NW **97 EAST 21ST ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.173 mi.
914 ft. **Site 5 of 5 in cluster W**

Relative:
Higher

Actual:
54 ft.

LTANKS:

Site ID:	68309
Spill No:	0211320
Spill Date:	2/12/2003
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	9/16/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	KPSARNOW
Referred To:	Not reported
Reported to Dept:	2/12/2003
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/12/2003
Spill Record Last Update:	9/16/2005
Spiller Name:	SAME
Spiller Company:	EDERLEE GIBBONS
Spiller Address:	597 NEW YORK AVE
Spiller City,St,Zip:	BROOKLYN, NY 11203-
Spiller County:	001
Spiller Contact:	EDERLEE GIBBONS
Spiller Phone:	(718) 493-2971
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	65100
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO" Called Ms. Ederle Gibbons, Who Confirmed that tank test letter should be addressed to her at the following address: 597 New York Avenue Brooklyn, NY 11203 PBS records indicate that this tank is not registered. Ms. Gibbons could not confirm registration. so, application form was sent with tank test failure letter. Ms. Gibbons was contacted on 9/14/05 about open spill. She replied back 9/16/05 that she had a certificate that the tank was repaired. Spilled closed 9/16/05. E.R.
Remarks:	TANK TEST FAILURE AT ABOVE LOCATION. PROPERTY OWNER TO BE ADVISED OF

97 EAST 21ST ST (Continued) **S105998154**

TEST RESULTS.

Material:

Site ID:	68309
Operable Unit ID:	864656
Operable Unit:	01
Material ID:	511112
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	68309
Spill Tank Test:	1528025
Tank Number:	1
Tank Size:	3000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

AB97 **T&T REALTY ASSOC. LLC** **AST** **A100296233**
WSW **543 OCEAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.173 mi.
912 ft. **Site 1 of 5 in cluster AB**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609318
Program Type:	PBS
UTM X:	587858.98153999995
UTM Y:	4500366.0425800001
Expiration Date:	2013/10/24

Affiliation Records:

Site Id:	31162
Affiliation Type:	Emergency Contact
Company Name:	T&T REALTY ASSOC. LLC
Contact Type:	Not reported
Contact Name:	MICHAEL WEISSMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

T&T REALTY ASSOC. LLC (Continued) **A100296233**

Country Code:	001
Phone:	(718) 871-2250
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	31162
Affiliation Type:	Owner
Company Name:	T&T REALTY ASSOC. LLC
Contact Type:	MANAGING AGENT
Contact Name:	MICHAEL WEISSMAN
Address1:	4313 18TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 871-2250
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/15/2008

Site Id:	31162
Affiliation Type:	Mail Contact
Company Name:	T&T REALTY ASSOC. LLC
Contact Type:	Not reported
Contact Name:	MICHAEL WEISSMAN
Address1:	4313 18TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 871-2250
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/15/2008

Site Id:	31162
Affiliation Type:	On-Site Operator
Company Name:	T&T REALTY ASSOC. LLC
Contact Type:	Not reported
Contact Name:	FRANK MARTINEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 871-2250
Phone Ext:	Not reported

T&T REALTY ASSOC. LLC (Continued) **A100296233**

Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/15/2008

Tank Info:

Tank Number:	001
Tank Id:	67133
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1940
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	10/15/2008

AB98 **536 REALTY ASSOCIATES** **AST** **U003390019**
WSW **540 OCEAN AVENUE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.173 mi.
914 ft. **Site 2 of 5 in cluster AB**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-259764
Program Type:	PBS
UTM X:	587886.61479000002
UTM Y:	4500355.1726700002
Expiration Date:	2015/01/25

Affiliation Records:

Site Id:	10815
Affiliation Type:	Emergency Contact
Company Name:	OCEAN AVENUE ASSOCIATES
Contact Type:	Not reported
Contact Name:	PATRICIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 844-0863
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EJCALIFA
Date Last Modified:	11/12/2009

536 REALTY ASSOCIATES (Continued) **U003390019**

Site Id:	10815
Affiliation Type:	Owner
Company Name:	OCEAN AVENUE ASSOCIATES
Contact Type:	AGENT FOR LANDLORD
Contact Name:	PATRICIA MENGELLI
Address1:	6120 18TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 859-8045
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EJCALIFA
Date Last Modified:	11/12/2009

Site Id:	10815
Affiliation Type:	Mail Contact
Company Name:	OCEAN AVENUE ASSOCIATES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	6120 18TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 859-8045
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/25/2005

Site Id:	10815
Affiliation Type:	On-Site Operator
Company Name:	540 OCEAN AVENUE
Contact Type:	Not reported
Contact Name:	EDDY HODGE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 964-7335
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/25/2005

Tank Info:

Tank Number:	001

536 REALTY ASSOCIATES (Continued) **U003390019**

Tank Id:	18159
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/30/1914
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	EJCALIFA
Last Modified:	11/12/2009

HIST AST:

PBS Number:	2-259764
SWIS Code:	6101
Operator:	MARK GLUCK
Facility Phone:	(718) 437-7027
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	MARK GLUCK
Emergency Tel:	(718) 437-7027
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	536 REALTY ASSOCIATES
Owner Address:	1274 49TH STREET PMB 250
Owner City,St,Zip:	BROOKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 437-7027
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MARK GLUCK
Mailing Name:	536 REALTY ASSOCIATES
Mailing Address:	1274 49TH STREET PMB 250
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11219
Mailing Telephone:	(718) 437-7027
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/31/2000
Expiration:	02/17/2005
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False

536 REALTY ASSOCIATES (Continued) **U003390019**

CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	0
Tank Containment:	Not reported
Leak Detection:	Not reported
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AB99 **LTANKS** **S105996368**
WSW **540 OCEAN AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.173 mi.
914 ft. **Site 3 of 5 in cluster AB**

Relative:
Higher

Actual:
51 ft.

LTANKS:

Site ID:	147736
Spill No:	0204357
Spill Date:	7/26/2002
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/26/2002
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	7/26/2002
CID:	365
Water Affected:	Not reported
Spill Notifier:	Fire Department

(Continued) **S105996368**

Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/26/2002
Spill Record Last Update:	7/26/2002
Spiller Name:	Not reported
Spiller Company:	UNKNOWN OIL CO
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	SHELTER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	253333
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" 7/26/2002-VOUGHT-See spill #0204361 at same location. Spill closed by Vought.
Remarks:	OIL CO OVER DELIVERED - FIRE DEPT ON SCENE - DEP ALREADY NOTIFIED

Material:

Site ID:	147736
Operable Unit ID:	855509
Operable Unit:	01
Material ID:	518611
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AA100 West 1/8-1/4 0.174 mi. 917 ft. | **M & D. MANAGEMENT, INC.**
499 OCEAN AVENUE
BROOKLYN, NY 11226

Site 2 of 3 in cluster AA

AST | **A100129111**
N/A

Relative: Higher

Actual: 52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-603784
Program Type:	PBS
UTM X:	587867.71611000004
UTM Y:	4500457.4803299997
Expiration Date:	2012/04/23

Affiliation Records:

Site Id:	25687
Affiliation Type:	Owner
Company Name:	499 OCEAN AVENUE OWNER, LLC
Contact Type:	OFFICER
Contact Name:	JACK JAFFA
Address1:	56 WILLOUGHBY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 855-6110
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/27/2007

Site Id:	25687
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	YURI GEYLIK
Address1:	56 WILLOUGHBY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 855-6110
Phone Ext:	115
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/23/2007

Site Id:	25687
Affiliation Type:	Emergency Contact
Company Name:	499 OCEAN AVENUE OWNER, LLC
Contact Type:	Not reported
Contact Name:	JACK JAFFA
Address1:	Not reported
Address2:	Not reported

M & D. MANAGEMENT, INC. (Continued) **A100129111**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 781-4288
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/27/2007

Site Id:	25687
Affiliation Type:	On-Site Operator
Company Name:	M & D. MANAGEMENT, INC.
Contact Type:	Not reported
Contact Name:	IRA GROSSMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 258-4288
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/27/2007

Tank Info:

Tank Number:	1
Tank Id:	55540
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/6/1957
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	6/27/2007

AC101 East 1/8-1/4 0.176 mi. 927 ft. | **HOLY CROSS SCHOOL 2516 CHURCH AVENUE BROOKLYN, NY 11226** | **UST HIST UST** | **U000404845 N/A**

Site 1 of 8 in cluster AC

Relative: Higher

Actual: 49 ft.

UST:

Facility Id:	2-399647
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	588425.82371999999
UTM Y:	4500460.1083800001

Affiliation Records:

Site Id:	19040
Affiliation Type:	Mail Contact
Company Name:	HOLY CROSS R.C. CHURCH
Contact Type:	Not reported
Contact Name:	REV MSGR JAMES SPENGLER
Address1:	2530 CHURCH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2005

Site Id:	19040
Affiliation Type:	On-Site Operator
Company Name:	HOLY CROSS SCHOOL
Contact Type:	Not reported
Contact Name:	CLEMENT XAVIER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2005

Site Id:	19040
Affiliation Type:	Emergency Contact
Company Name:	HOLY CROSS R.C. CHURCH
Contact Type:	Not reported
Contact Name:	MSGR SPENGLER
Address1:	Not reported
Address2:	Not reported

HOLY CROSS SCHOOL (Continued) **U000404845**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2005

Site Id:	19040
Affiliation Type:	Owner
Company Name:	HOLY CROSS R.C. CHURCH
Contact Type:	ADMINISTRATOR
Contact Name:	REV. JAMES SPENGLER
Address1:	2530 CHURCH AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2005

Tank Info:

Site ID:	19040
Tank Number:	001
Tank ID:	21651
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	01
Next Test Date:	Not reported
Date Tank Closed:	10/1/1998
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/1/1988
Register:	True
Modified By:	NRLOMBAR
Last Modified:	1/25/2005

HIST UST:

PBS Number:	2-399647
SPDES Number:	Not reported
Emergency Contact:	CLEMENT XAVIER MGMT.
Emergency Telephone:	(718) 856-6031
Operator:	RAUL TORREZ
Operator Telephone:	(718) 282-1710

HOLY CROSS SCHOOL (Continued) **U000404845**

Owner Name:	HOLY CROSS PARISH
Owner Address:	2530 CHURCH AVE
Owner City,St,Zip:	BROOKLYN, NY 11226
Owner Telephone:	(718) 469-5900
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	HOLY CROSS PARISH
Mailing Address:	2530 CHURCH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Contact:	ROLLIN J. DARBOUZE
Mailing Telephone:	(718) 469-5900
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	2516 CHURCH AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	SCHOOL
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/23/1998
Expiration Date:	11/16/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	19981001
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Vent Whistle

HOLY CROSS SCHOOL (Continued) **U000404845**

Dispenser:	Suction
Date Tested:	10/01/1988
Next Test Date:	10/01/2008
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

AA102 **500 OCEAN APT CORP** **AST** **U003392239**
West **500 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.176 mi.
930 ft. **Site 3 of 3 in cluster AA**

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-235385
Program Type:	PBS
UTM X:	587866.43385999999
UTM Y:	4500464.6867699996
Expiration Date:	2013/01/07

Affiliation Records:

Site Id:	8669
Affiliation Type:	On-Site Operator
Company Name:	500 OCEAN APT CORP
Contact Type:	Not reported
Contact Name:	NIKOLAOS LEONARDOS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 238-7297
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/21/2007

Site Id:	8669
Affiliation Type:	Owner
Company Name:	500 OCEAN APT CORP
Contact Type:	MANAGING AGENT
Contact Name:	NIKOLAOS LEONARDOS
Address1:	308 84TH STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11209
Country Code:	001
Phone:	(718) 238-7297
Phone Ext:	Not reported

500 OCEAN APT CORP (Continued) **U003392239**

Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/21/2007

Site Id:	8669
Affiliation Type:	Emergency Contact
Company Name:	500 OCEAN APT CORP
Contact Type:	Not reported
Contact Name:	NIKOLAOS LEONARDOS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 238-7297
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/21/2007

Site Id:	8669
Affiliation Type:	Mail Contact
Company Name:	500 OCEAN APT CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	308 84TH STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11209
Country Code:	001
Phone:	(718) 238-7297
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/21/2007

Tank Info:

Tank Number:	001
Tank Id:	24167
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/14/1954
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

500 OCEAN APT CORP (Continued) **U003392239**

Modified By:	KXTANG
Last Modified:	11/21/2007

HIST AST:

PBS Number:	2-235385
SWIS Code:	6101
Operator:	DANIELO RAMERZ
Facility Phone:	(718) 238-7053
Facility Addr2:	500 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	DANIELO RAMERZ
Emergency Tel:	(718) 856-3451
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	500 OCEAN APT CORP
Owner Address:	6911 FOR HAMILTON PKWY
Owner City,St,Zip:	BROOKLYN, NY 11228
Federal ID:	Not reported
Owner Tel:	(718) 238-7053
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	500 OCEAN APT CORP
Mailing Address:	6911 FORT HAMILTON PKWY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11228
Mailing Telephone:	(718) 238-7053
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/16/1998
Expiration:	01/07/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel

500 OCEAN APT CORP (Continued) **U003392239**

Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AB103 **A & E ASSOCIATES** **AST** **U003395177**
WSW **550 OCEAN AVENUE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.176 mi.
932 ft. **Site 4 of 5 in cluster AB**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-479004
Program Type:	PBS
UTM X:	587891.13575999998
UTM Y:	4500331.7590399999
Expiration Date:	2015/03/12

Affiliation Records:

Site Id:	21313
Affiliation Type:	Owner
Company Name:	OCEANTEN LLC
Contact Type:	OFFICER
Contact Name:	MARGARETA MILLER
Address1:	1205 47TH ST.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 854-1400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/20/2006

Site Id:	21313
Affiliation Type:	On-Site Operator
Company Name:	550 OCEAN AVENUE

A & E ASSOCIATES (Continued) **U003395177**

Contact Type:	Not reported
Contact Name:	GUSTAVO PATINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 662-1155
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/20/2006

Site Id:	21313
Affiliation Type:	Mail Contact
Company Name:	PARK WAY REALTY
Contact Type:	Not reported
Contact Name:	MARGARETA MILLER
Address1:	1205 47TH ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 854-1400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/20/2006

Site Id:	21313
Affiliation Type:	Emergency Contact
Company Name:	OCEANTEN LLC
Contact Type:	Not reported
Contact Name:	BERNARD MILLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 853-4082
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/20/2006

Tank Info:

Tank Number:	001
Tank Id:	38617
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron

A & E ASSOCIATES (Continued) **U003395177**

Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/4/1930
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	1/14/2010

HIST AST:

PBS Number:	2-479004
SWIS Code:	6101
Operator:	JOSEPH THOMAS
Facility Phone:	(718) 826-1862
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	MARTIN KIRZNER
Emergency Tel:	(718) 972-1073
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	A & E ASSOCIATES
Owner Address:	P. O. BOX 300513, MIDWOOD STATION
Owner City,St,Zip:	BROOKLYN, NY 11230
Federal ID:	Not reported
Owner Tel:	(718) 972-1073
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	A & E ASSOCIATES
Mailing Address:	P. O. BOX 300513
Mailing Address 2:	MIDWOOD STATION
Mailing City,St,Zip:	BROOKLYN, NY 11230
Mailing Telephone:	(718) 972-1073
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/03/1995
Expiration:	01/10/2000
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61

A & E ASSOCIATES (Continued) **U003395177**

Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 3000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 00
Pipe Location: None
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 00
Tank Containment: None
Leak Detection: 00
Overfill Protection: 04
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

AC104 **PROVIDENCE HOUSE** **UST** **U003128936**
East **2518 CHURCH AVE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.177 mi.
937 ft. **Site 2 of 8 in cluster AC**

Relative:
Higher

Actual:
49 ft.

UST:
Facility Id: 2-399671
Region: STATE
DEC Region: 2
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 588428.97673999995
UTM Y: 4500460.3460799996

Affiliation Records:
Site Id: 19043
Affiliation Type: Owner
Company Name: HOLY CROSS PARISH
Contact Type: Not reported
Contact Name: Not reported
Address1: 2530 CHURCH AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11226
Country Code: 001

PROVIDENCE HOUSE (Continued) **U003128936**

Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19043
Affiliation Type:	On-Site Operator
Company Name:	PROVIDENCE HOUSE
Contact Type:	Not reported
Contact Name:	HOLY CROSS PARISH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19043
Affiliation Type:	Mail Contact
Company Name:	HOLY CROSS R.C. CHURCH
Contact Type:	Not reported
Contact Name:	HOLY CROSS R.C. CHURCH
Address1:	2530 CHURCH AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19043
Affiliation Type:	Emergency Contact
Company Name:	HOLY CROSS PARISH
Contact Type:	Not reported
Contact Name:	CLEMENT XAVIER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 856-6031
Phone Ext:	Not reported
Email:	Not reported

PROVIDENCE HOUSE (Continued) **U003128936**

Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None

Tank Info:

Site ID: 19043

Tank Number: 001
Tank ID: 21654
Tank Status: Closed - In Place
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1925
Capacity Gallons: 2000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 10/1/1996
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 2-399671
SPDES Number: Not reported
Emergency Contact: CLEMENT XAVIER
Emergency Telephone: (718) 856-6031
Operator: HOLY CROSS PARISH
Operator Telephone: (718) 469-5900
Owner Name: HOLY CROSS PARISH
Owner Address: 2530 CHURCH AVE
Owner City,St,Zip: BROOKLYN, NY 11226
Owner Telephone: (718) 469-5900
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Name: HOLY CROSS R.C. CHURCH
Mailing Address: 2530 CHURCH AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11226
Mailing Contact: HOLY CROSS R.C. CHURCH
Mailing Telephone: (718) 469-5900
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

PROVIDENCE HOUSE (Continued) **U003128936**

Facility Addr2:	2518 CHURCH AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	PRIVATE RESIDENCE
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	10/06/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19251201
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	10/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AC105 **2520 CHURCH ST/HOLY CROSS** **LTANKS** **S106703207**
East **2520 CHURCH STREET** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.178 mi.
941 ft. **Site 3 of 8 in cluster AC**

Relative:
Higher

Actual:
50 ft.

LTANKS:

Site ID:	136909
Spill No:	8800165
Spill Date:	4/6/1988
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	4/6/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	4/18/1988
Spill Record Last Update:	12/28/2006
Spiller Name:	Not reported
Spiller Company:	HOLY CROSS
Spiller Address:	2520 CHURCH STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	117137
DEC Memo:	11/16/06 - Austin - Reassigned to Patel for followup/review (prior assignment unknown)- end 11/17/06-Hiralkumar Patel. went to site, but super or principal of school was not there. left message for Raul (718-282-1710), super at building. received message from Raul. as per him, they are using gas heating system. found four PBS records on name of Holy Cross on church street. 1. 2-399647 at 2516 Church Street: 3000 gal # 2 UST closed-in place in 10/1998 2. 2-399655 at 2530 Church Street: 3000 gal # 2 UST closed-in place in 07/1999 2000 gal # 2 UST closed-in place in 09/2000 3. 2-399663 at 2520 Church Street: 3000 gal # 2 UST closed-in place in 05/1999 4. 2-399671 at 2518 Chruch Street: 2000 gal # 2 UST closed-in place in 10/1996 tried number on PBS record (718-469-5900). spoke with Mr. Spengler. he told that they have report on abandonment work and was submitted to their lawyer. lawyer firm is: Wingate Kearney & Cullen Contact: Richard Cea 718-852-5900 left message for Richard at law firm. 12/14/06-Hiralkumar Patel. left message for Mr. Cea at law firm. 12/15/06-Hiralkumar Patel. received call from Mr. Cea. he has file on tanks at subject site. he will send copy of all available documents.

2520 CHURCH ST/HOLY CROSS (Continued) **S106703207**

12/27/06-Hiralkumar Patel. left message for Mr. Cea.
12/28/06-Hiralkumar Patel. received fax from Mr. Cea's office. fax contains document regarding 3000 gal tank abandonment at 2530 Church street site. tank was passed test on 5/11/99. spoke with Denise at Me. Cea's office. asked her to send documents for following four tanks under name of Holy Cross church. 3000 gal at 2516 Church Street 2000 gal at 2518 Church Street 3000 gal at 2520 Church Street 2000 gal at 2530 Church Street

Remarks: (2) 3K TANKS FAILED, 1ST HAD A GROSS LEAK, 2ND HAD A LEAK RATE OF -0.525GPH, ACTION UNKNOWN.

Material:

Site ID:	136909
Operable Unit ID:	915802
Operable Unit:	01
Material ID:	462885
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	136909
Spill Tank Test:	1533580
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8800165
Spill Date:	04/06/1988
Spill Time:	11:30
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported

2520 CHURCH ST/HOLY CROSS (Continued) **S106703207**

Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 04/06/88
Reported to Department Time: 13:45
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: HOLY CROSS
Spiller Address: 2520 CHURCH STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 282-1710
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-399663
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/18/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/27/92
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: 2) 3K TANKS FAILED, 1ST HAD A GROSS LEAK, 2ND HAD A LEAK RATE OF -0.525GPH, ACTION UNKNOWN.

AC106 **2520 CHURCH /HOLY CROSS** **LTANKS** **S106703208**
East **2520 CHURCH AVE** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.178 mi.
941 ft. **Site 4 of 8 in cluster AC**

Relative:
Higher

Actual:
50 ft.

LTANKS:

Site ID:	306700
Spill No:	8800306
Spill Date:	4/9/1988
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
Spill Closed Dt:	6/11/2008
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	4/9/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/19/1988
Spill Record Last Update:	6/11/2008
Spiller Name:	Not reported
Spiller Company:	HOLY CROSS CHURCH
Spiller Address:	2520 CHURCH ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	19013
DEC Memo:	6/13/05 - Transferred to Carpenter as part of closure initiative. 3/17/06 - None of the records in PBS match the spill description of two 2K tanks. Need to ascertain which of the holy cross buildings was the subject of the spill. Next step, check PBS paper files. Possible site visit needed. 10/30/06 bf: sent ttf letter to: Msgr. Rev. James Spengler Holy Cross Roman Catholic Church 2530 Church Avenue Brooklyn, NY 11226 06/11/08-Hiralkumar Patel. duplicate spill. refer to spill #: 8800165.
Remarks:	(2) 2K TANKS MANIFOLDED FAILED WITH A LEAK OF -0.390GPH, 2ND TANK HAD A GROSS LEAK, ACTION UNKNOWN.

Material:

Site ID:	306700
Operable Unit ID:	917144
Operable Unit:	01
Material ID:	463020
Material Code:	0001
Material Name:	#2 Fuel Oil

2520 CHURCH /HOLY CROSS (Continued) **S106703208**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	306700
Spill Tank Test:	1533619
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8800306
Spill Date:	04/09/1988
Spill Time:	14:15
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	04/09/88
Reported to Department Time:	16:36
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	HOLY CROSS CHURCH
Spiller Address:	2520 CHURCH ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported

2520 CHURCH /HOLY CROSS (Continued) **S106703208**

Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-399663
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/19/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 07/18/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: 2) 2K TANKS MANIFOLDED FAILED WITH A LEAK OF -0.390GPH, 2ND TANK HAD A GROSS LEAK, ACTION UNKNOWN.

AB107 **THREE NICKELS, LLC** **AST** **A100295357**
WSW **555 OCEAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.178 mi.
941 ft. **Site 5 of 5 in cluster AB**

Relative:
Higher

Actual:
50 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609275
Program Type: PBS
UTM X: 587864.01994000003
UTM Y: 4500333.2398899999
Expiration Date: 2012/10/17

Affiliation Records:
Site Id: 31120
Affiliation Type: Mail Contact

THREE NICKELS, LLC (Continued) **A100295357**

Company Name:	THREE NICKELS, LLC
Contact Type:	AGENT
Contact Name:	DANIEL REIFER
Address1:	130 WEST 70TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 580-2305
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/6/2009

Site Id:	31120
Affiliation Type:	Owner
Company Name:	THREE NICKELS, LLC
Contact Type:	AGENT
Contact Name:	DANIEL REIFER
Address1:	130 WEST 70TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 580-2305
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/6/2009

Site Id:	31120
Affiliation Type:	Emergency Contact
Company Name:	THREE NICKELS, LLC
Contact Type:	Not reported
Contact Name:	DANIEL REIFER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 580-2305
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/6/2009

Site Id:	31120
Affiliation Type:	On-Site Operator
Company Name:	THREE NICKELS, LLC
Contact Type:	Not reported
Contact Name:	JAMES SEALEY

THREE NICKELS, LLC (Continued) **A100295357**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 440-9035
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/6/2009

Tank Info:

Tank Number:	001
Tank Id:	66996
Tank Location:	1
Tank Type:	Concrete
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1985
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	3/6/2009

AD108 **BELL ATLANTIC** **HIST UST** **U003074745**
South **2177 ALBEMARLE ROAD** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.179 mi.
946 ft. **Site 1 of 4 in cluster AD**

Relative:
Lower

Actual:
42 ft.

HIST UST:

PBS Number:	2-344613
SPDES Number:	Not reported
Emergency Contact:	BELL ATLANTIC
Emergency Telephone:	(800) 386-9639
Operator:	BELL ATLANTIC
Operator Telephone:	(800) 339-6144
Owner Name:	NEW YORK TELEPHONE
Owner Address:	221 EAST 37TH STREET, 4TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10016
Owner Telephone:	(800) 339-6144
Owner Type:	Corporate/Commercial
Owner Subtype:	New York Telephone
Mailing Name:	BELL ATLANTIC
Mailing Address:	221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10016
Mailing Contact:	KATHLEEN TOBIN
Mailing Telephone:	(212) 338-6731

BELL ATLANTIC (Continued) **U003074745**

Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	2177 ALBEMARLE ROAD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	UTILITY
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/28/1998
Expiration Date:	12/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	15000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	10000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	02/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AD109 **NY TEL** **LTANKS** **S100177512**
South **2177 ALBEMARLE ROAD** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.179 mi.
946 ft. **Site 2 of 4 in cluster AD**

Relative:
Lower

Actual:
42 ft.

LTANKS:

Site ID:	176581
Spill No:	9110332
Spill Date:	1/2/1992
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/2/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	RDDECAND
Referred To:	Not reported
Reported to Dept:	1/2/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/7/1992
Spill Record Last Update:	8/2/2005
Spiller Name:	Not reported
Spiller Company:	NY TEL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	297195
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE" documents rec'd from Verizon- tank taken out of service in April 93, removed in September 93, end point sampling in the tank pit looks OK.
Remarks:	10K PETROTYTE GROSS. WILL RECOVER, ISOLATE & RETEST.

Material:

Site ID:	176581
Operable Unit ID:	960347
Operable Unit:	01
Material ID:	418875
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No

NY TEL (Continued) **S100177512**

Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 176581
Spill Tank Test: 1539484
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:
Region of Spill: 2
Spill Number: 9110332
Spill Date: 01/02/1992
Spill Time: 12:00
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TIBBE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 01/02/92
Reported to Department Time: 14:48
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: NY TEL
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended

NY TEL (Continued) **S100177512**

Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/07/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/10/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: 10K PETROTYTE GROSS. WILL RECOVER, ISOLATE RETEST.

AD110 **BELL ATLANTIC** **RCRA-SQG** **1001224502**
South **2177 ALBEMARLE RD** **FINDS** **NYR000057190**
1/8-1/4 **BROOKLYN, NY 11226** **HIST AST**
0.179 mi. **MANIFEST**
946 ft. **Site 3 of 4 in cluster AD** **MANIFEST**

Relative:
Lower

Actual:
42 ft.

RCRA-SQG:
Date form received by agency: 01/01/2007
Facility name: BELL ATLANTIC
Facility address: 2177 ALBEMARLE RD
BROOKLYN, NY 112265095
EPA ID: NYR000057190
Mailing address: E 37TH ST
NEW YORK, NY 10016
Contact: LEO BUSINELLI
Contact address: E 37TH ST
NEW YORK, NY 10016
Contact country: US
Contact telephone: (212) 338-7675
Contact email: Not reported
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

BELL ATLANTIC (Continued) **1001224502**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BELL ATLANTIC
Owner/operator address:	2177 ALBEMARLE RD BROOKLYN, NY 11226
Owner/operator country:	US
Owner/operator telephone:	(212) 338-7222
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BELL ATLANTIC
Owner/operator address:	2177 ALBEMARLE RD BROOKLYN, NY 11226
Owner/operator country:	US
Owner/operator telephone:	(212) 338-7222
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	BELL ATLANTIC
Classification:	Not a generator, verified

Date form received by agency:	06/24/1998
Facility name:	BELL ATLANTIC
Classification:	Large Quantity Generator

Violation Status: No violations found

FINDS:

BELL ATLANTIC (Continued) **1001224502**

Registry ID: 110004544645

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIST AST:

PBS Number:	2-344613
SWIS Code:	6101
Operator:	BELL ATLANTIC
Facility Phone:	(800) 339-6144
Facility Addr2:	2177 ALBEMARLE ROAD
Facility Type:	UTILITY
Emergency:	BELL ATLANTIC
Emergency Tel:	(800) 386-9639
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NEW YORK TELEPHONE
Owner Address:	221 EAST 37TH STREET, 4TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10016
Federal ID:	Not reported
Owner Tel:	(800) 339-6144
Owner Type:	Corporate/Commercial
Owner Subtype:	T
Mailing Contact:	KATHLEEN TOBIN
Mailing Name:	BELL ATLANTIC
Mailing Address:	221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10016
Mailing Telephone:	(212) 338-6731
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/28/1998
Expiration:	12/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	15000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

BELL ATLANTIC (Continued) **1001224502**

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	15000
Product Stored:	KEROSENE
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	4
Overfill Protection:	24
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	003
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	Tank Converted To Non-Regulated Use
Install Date:	19920101
Capacity (Gal):	250
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	3
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

NY MANIFEST:
EPA ID: NYR000057190

BELL ATLANTIC (Continued) **1001224502**

Country:	USA
Mailing Name:	BELL ATLANTIC
Mailing Contact:	WAYNE SEBRO
Mailing Address:	741 ZECKENDORF BLVD
Mailing Address 2:	Not reported
Mailing City:	GARDEN CITY
Mailing State:	NY
Mailing Zip:	11530
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	516-683-7135

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2010-07-21
Trans1 Recv Date:	2010-07-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-07-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000057190
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	5.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	000895473GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2010-07-21
Trans1 Recv Date:	2010-07-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-07-29

BELL ATLANTIC (Continued) **1001224502**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000057190
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	90.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	000895473GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	NJA5272282
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	02/16/2006
Trans1 Recv Date:	02/16/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/27/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000057190
Trans1 EPA ID:	010376
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00600
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00002
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	06

BELL ATLANTIC (Continued) **1001224502**

Document ID:	NYG0687528
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	AZD983473539
Generator Ship Date:	12/02/1998
Trans1 Recv Date:	12/02/1998
Trans2 Recv Date:	12/05/1998
TSD Site Recv Date:	12/11/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000057190
Trans1 EPA ID:	AZ0000337360
Trans2 EPA ID:	Not reported
TSDF ID:	AZ002
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00250
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	98

Document ID:	NJA2924879
Manifest Status:	Not reported
Trans1 State ID:	NYD980761191
Trans2 State ID:	Not reported
Generator Ship Date:	04/26/2000
Trans1 Recv Date:	04/26/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/08/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000057190
Trans1 EPA ID:	NJD002200046
Trans2 EPA ID:	Not reported
TSDF ID:	S50060
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	00

Document ID:	NJA2924880
Manifest Status:	Not reported
Trans1 State ID:	NYD980761191
Trans2 State ID:	Not reported
Generator Ship Date:	04/26/2000
Trans1 Recv Date:	04/26/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/08/2000
Part A Recv Date:	Not reported

BELL ATLANTIC (Continued) **1001224502**

Part B Recv Date:	Not reported
Generator EPA ID:	NYR000057190
Trans1 EPA ID:	NJD002200046
Trans2 EPA ID:	Not reported
TSDF ID:	S50060
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00010
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D007 - CHROMIUM 5.0 MG/L TCLP
Quantity:	00060
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	00

Document ID:	NJA5272282
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	02/16/2006
Trans1 Recv Date:	02/16/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/27/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000057190
Trans1 EPA ID:	010376
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00600
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

BELL ATLANTIC (Continued) **1001224502**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00002
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	06

Document ID:	06
Manifest Status:	NJA5272282
Trans1 State ID:	NYR000057190
Trans2 State ID:	Not reported
Generator Ship Date:	NJD002200046
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJD003812047
TSD Site Recv Date:	Not reported
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	3
Number of Containers:	DM
Container Type:	600
Handling Method:	P
Specific Gravity:	1
Waste Code:	T
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NJA5272282
Trans1 State ID:	NYR000057190
Trans2 State ID:	Not reported
Generator Ship Date:	NJD002200046
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJD003812047
TSD Site Recv Date:	Not reported
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported

BELL ATLANTIC (Continued) **1001224502**

Units:	1
Number of Containers:	DF
Container Type:	2
Handling Method:	P
Specific Gravity:	1
Waste Code:	T
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

NJ MANIFEST:

Manifest Code:	NJA5272282
EPA ID:	NYR000057190
Date Shipped:	20060216
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	060216
Date Trans2 Transported Waste:	000000
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	060227
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	04130621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

AC111 **HOLY CROSS CHURCH** **LTANKS** **S103238405**
East **2520 CHURCH AV** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.179 mi.
946 ft. **Site 5 of 8 in cluster AC**

Relative:
Higher

Actual:
49 ft.

LTANKS:

Site ID:	86030
Spill No:	9802364
Spill Date:	5/21/1998
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/10/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	5/22/1998
CID:	297
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/22/1998
Spill Record Last Update:	3/10/2003
Spiller Name:	SISTER ANGELO PATRIS
Spiller Company:	HOLY CROSS CHURCH
Spiller Address:	2520 CHURCH AV
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	SISTER ANGELO PATRIS
Spiller Phone:	(718) 282-1710
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	247707
DEC Memo:	Not reported
Remarks:	NO CONTAMINATION FOUND CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

Material:

Site ID:	86030
Operable Unit ID:	1060425
Operable Unit:	01
Material ID:	320696
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

HOLY CROSS CHURCH (Continued) **S103238405**

Tank Test:

Site ID:	86030
Spill Tank Test:	1545927
Tank Number:	1
Tank Size:	2000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

HIST LTANKS:

Region of Spill:	2
Spill Number:	9802364
Spill Date:	05/21/1998
Spill Time:	14:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TOMASELLO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	05/22/98
Reported to Department Time:	16:18
SWIS:	61
Spiller Contact:	SISTER ANGELO PATRIS
Spiller Phone:	(718) 282-1710
Spiller Extention:	Not reported
Spiller Name:	HOLY CROSS CHURCH
Spiller Address:	2520 CHURCH AV
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	SISTER ANGELO PATRIS
Facility Phone:	(718) 282-1710
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-399663
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

HOLY CROSS CHURCH (Continued) **S103238405**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/22/98
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/26/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 2000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: NO CONTAMINATION FOUND

AC112 **HOLY CROSS** **UST** **1000548783**
East **2520 CHURCH AVENUE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.179 mi.
946 ft. **Site 6 of 8 in cluster AC**

Relative:
Higher

Actual:
49 ft.

UST:
Facility Id: 2-399663
Region: STATE
DEC Region: 2
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 588432.12976000004
UTM Y: 4500460.58378

Affiliation Records:
Site Id: 19042
Affiliation Type: Owner
Company Name: HOLY CROSS R.C. CHURCH
Contact Type: ADMINISTRATOR
Contact Name: REV. JAMES SPENGLER
Address1: 2530 CHURCH AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11226
Country Code: 001

HOLY CROSS (Continued) **1000548783**

Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2005

Site Id:	19042
Affiliation Type:	Mail Contact
Company Name:	HOLY CROSS R.C. CHURCH
Contact Type:	Not reported
Contact Name:	REV. MSGR. JAMES SPENGLER
Address1:	2530 CHURCH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2005

Site Id:	19042
Affiliation Type:	On-Site Operator
Company Name:	HOLY CROSS
Contact Type:	Not reported
Contact Name:	CLEMENT XAVIER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2005

Site Id:	19042
Affiliation Type:	Emergency Contact
Company Name:	HOLY CROSS R.C. CHURCH
Contact Type:	Not reported
Contact Name:	MSGR. JAMES SPENGLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 469-5900
Phone Ext:	Not reported
Email:	Not reported

HOLY CROSS (Continued) **1000548783**

Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/25/2005

Tank Info:

Site ID:	19042
Tank Number:	001
Tank ID:	21653
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1925
Capacity Gallons:	3000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	5/1/1999
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	12/6/2002
Register:	True
Modified By:	NRLOMBAR
Last Modified:	1/25/2005

HIST UST:

PBS Number:	2-399663
SPDES Number:	Not reported
Emergency Contact:	RAUL TORO
Emergency Telephone:	(718) 469-5900
Operator:	HOLY CROSS PARISH
Operator Telephone:	(718) 282-1710
Owner Name:	HOLY CROSS PARISH
Owner Address:	2530 CHURCH AVE
Owner City,St,Zip:	BROOKLYN, NY 11226
Owner Telephone:	(718) 469-5900
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	HOLY CROSS PARISH
Mailing Address:	2530 CHURCH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Contact:	Not reported
Mailing Telephone:	(718) 469-5900
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	2520 CHURCH AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	SCHOOL
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False

HOLY CROSS (Continued) **1000548783**

Certification Date:	05/21/1998
Expiration Date:	11/16/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19251201
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	09/01/1988
Next Test Date:	09/01/1993
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

AC113 **2520 CHURCH AVE** **LTANKS** **S106703211**
East **2520 CHURCH AVE** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.179 mi.
946 ft. **Site 7 of 8 in cluster AC**

Relative:
Higher

Actual:
49 ft.

LTANKS:

Site ID:	103842
Spill No:	8800532
Spill Date:	4/16/1988
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/14/2005
Facility Addr2:	Not reported

2520 CHURCH AVE (Continued) **S106703211**

Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	KJCARPEN
Referred To:	Not reported
Reported to Dept:	4/16/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/22/1988
Spill Record Last Update:	7/14/2005
Spiller Name:	Not reported
Spiller Company:	HOLY CROSS
Spiller Address:	2520 CHURCH ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	247707
DEC Memo:	3/28-05 - Austin - Put under Lombardo's name for transfer to Central Office for closure review 6/13/05 - Transferred from Lombardo to Carpenter as part of spill closure initiative. 7/14/05 - Closed - This is believed to be a second report on the same spill. Spill number 8800306 was a tank test failure at the same address. This spill will now be managed under the 8800306 spill number. 7/14/05 Corrected Street Name. Correct name is church Avenue, not Church Street.
Remarks:	NO ACTION YET.

Material:

Site ID:	103842
Operable Unit ID:	916138
Operable Unit:	01
Material ID:	459719
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	103842
Spill Tank Test:	1533674
Tank Number:	Not reported
Tank Size:	0
Test Method:	00

2520 CHURCH AVE (Continued) **S106703211**

Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8800532
Spill Date:	04/16/1988
Spill Time:	13:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	04/16/88
Reported to Department Time:	15:15
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	HOLY CROSS
Spiller Address:	2520 CHURCH ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 282-1710
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-399663
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	04/22/88
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	11/27/92
Is Updated:	False

2520 CHURCH AVE (Continued) **S106703211**

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Not reported
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464
CAS Number:	Not reported
Last Date:	19941207
DEC Remarks:	Not reported
Spill Cause:	NO ACTION YET.

Y114 **CONSOLIDATED EDISON** **MANIFEST** **S108650507**
NNE **2107 BEDFORD AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.180 mi.
948 ft. **Site 3 of 4 in cluster Y**

Relative:
Higher

Actual:
54 ft.

NY MANIFEST:

EPA ID:	NYP004151510
Country:	USA
Mailing Name:	consolidated edison
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 irving pl rm 828
Mailing Address 2:	Not reported
Mailing City:	new york
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2007-07-08
Trans1 Recv Date:	2007-07-08
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-07-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004151510
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263

CONSOLIDATED EDISON (Continued) **S108650507**

Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	07
Manifest Tracking Num:	001450292FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	Y
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	7/8/2007
Trans1 Recv Date:	7/8/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	7/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004151510
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	07
Manifest Tracking Num:	001450292FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	Y
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Y115 NNE 1/8-1/4 0.180 mi. 948 ft. | **2107 BEDFORD AVE**
2107 BEDFORD AVENUE
BROOKLYN, NY 11226

Site 4 of 4 in cluster Y

AST | **A100139009**
N/A

Relative: Higher

Actual: 54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-603905
Program Type:	PBS
UTM X:	588269.38029999996
UTM Y:	4501007.4702099999
Expiration Date:	2015/08/08

Affiliation Records:

Site Id:	25799
Affiliation Type:	Emergency Contact
Company Name:	2107 BEDFORD LLC
Contact Type:	Not reported
Contact Name:	COLTOWN PROPERTIES LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 671-1060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/13/2006

Site Id:	25799
Affiliation Type:	On-Site Operator
Company Name:	2107 BEDFORD AVE
Contact Type:	Not reported
Contact Name:	APPROVED OIL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 238-1050
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/17/2010

Site Id:	25799
Affiliation Type:	Owner
Company Name:	2107 BEDFORD LLC
Contact Type:	PRINCIPAL
Contact Name:	ISREAL WEINBERSER
Address1:	95 DELANCEY STREET
Address2:	Not reported

2107 BEDFORD AVE (Continued) **A100139009**

City:	NEW YORK
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 671-1060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/13/2006

Site Id:	25799
Affiliation Type:	Mail Contact
Company Name:	C/O COLTOWN PROPERTIES LLC
Contact Type:	Not reported
Contact Name:	2107 BEDFORD LLC
Address1:	95 DELANCEY STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 777-2060
Phone Ext:	Not reported
Email:	CUSTOMERSERVICE@COLTOWN.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/17/2010

Tank Info:

Tank Number:	001
Tank Id:	55963
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/20/1915
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	6/17/2010

116 ENE 1/8-1/4 0.181 mi. 955 ft. | **130 MARTENSE ST LLC**
130 MARTENSE STREET
BROOKLYN, NY 11226 | **UST** | **U004125616**
N/A

Relative: Higher

Actual: 51 ft.

UST:

Facility Id:	2-196614
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2013/06/26
UTM X:	588427.58091000002
UTM Y:	4500551.5731499996

Affiliation Records:

Site Id:	6420
Affiliation Type:	Owner
Company Name:	130 MARTENSE ST LLC
Contact Type:	MEMBER
Contact Name:	MEIR BOUSKILA
Address1:	PO BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116-1920
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	8/26/2008

Site Id:	6420
Affiliation Type:	Mail Contact
Company Name:	130 MARTENSE ST LLC
Contact Type:	MEMBER
Contact Name:	MEIR BOUSKILA
Address1:	PO BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116-1920
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	8/26/2008

Site Id:	6420
Affiliation Type:	On-Site Operator
Company Name:	130 MARTENSE ST LLC
Contact Type:	Not reported
Contact Name:	MURAT FERATOVIC
Address1:	Not reported
Address2:	Not reported

130 MARTENSE ST LLC (Continued) **U004125616**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 533-2902
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	8/26/2008

Site Id:	6420
Affiliation Type:	Emergency Contact
Company Name:	130 MARTENSE ST LLC
Contact Type:	Not reported
Contact Name:	EDDIE LJESNJANIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 418-0363
Phone Ext:	3021
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	8/26/2008

Tank Info:

Site ID:	6420

Tank Number:	001
Tank ID:	21197
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/6/1956
Capacity Gallons:	2500
Tightness Test Method:	21
Next Test Date:	3/26/2015
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Fiberglass coated steel
Date Test:	3/26/2010
Register:	True
Modified By:	BKFALVEY
Last Modified:	5/3/2010

AE117 **485 OCEAN REALTY L.L.C** **AST** **U003389502**
WNW **485 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11230**
0.181 mi.
956 ft. **Site 1 of 4 in cluster AE**

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-196606
Program Type:	PBS
UTM X:	587860.98430999997
UTM Y:	4500495.3141299998
Expiration Date:	2012/10/02

Affiliation Records:

Site Id:	6419
Affiliation Type:	On-Site Operator
Company Name:	485 OCEAN REALTY L.L.C
Contact Type:	Not reported
Contact Name:	LIONEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 693-9151
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6419
Affiliation Type:	Owner
Company Name:	HIRSCH WOLF
Contact Type:	MANAGING AGENT
Contact Name:	MICHAEL MALEK
Address1:	1505 CONEY ISLAND AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 252-2800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/4/2007

Site Id:	6419
Affiliation Type:	Emergency Contact
Company Name:	HIRSCH WOLF
Contact Type:	Not reported
Contact Name:	LIONEL
Address1:	Not reported
Address2:	Not reported

485 OCEAN REALTY L.L.C (Continued) **U003389502**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 693-9151
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6419
Affiliation Type:	Mail Contact
Company Name:	485 OCEAN REALTY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1491 CONEY ISLAND AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 692-0003
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping

Tank Info:

Tank Number:	001
Tank Id:	16822
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1931
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

485 OCEAN REALTY L.L.C (Continued) **U003389502**

Modified By:	KAKYER
Last Modified:	8/23/2007

HIST AST:

PBS Number:	2-196606
SWIS Code:	6101
Operator:	LIONEL
Facility Phone:	(718) 693-9151
Facility Addr2:	485 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	LIONEL
Emergency Tel:	(718) 693-9151
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	HIRSCH WOLF
Owner Address:	1505 CONEY ISLAND AVE
Owner City,St,Zip:	BROOKLYN, NY 11230
Federal ID:	Not reported
Owner Tel:	(718) 252-2800
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	485 OCEAN REALTY
Mailing Address:	1491 CONEY ISLAND AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11230
Mailing Telephone:	(718) 692-0003
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/01/1997
Expiration:	10/02/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel

485 OCEAN REALTY L.L.C (Continued) **U003389502**

Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	4
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Z118 **HSBC BANK** **UST** **U003764830**
NNW **815 FLATBUSH AVENUE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226** **AST**
0.181 mi. **HIST AST**
957 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
54 ft.

UST:

Facility Id:	2-605164
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	588016.64878000005
UTM Y:	4500717.8430700004

Affiliation Records:

Site Id:	27033
Affiliation Type:	Owner
Company Name:	HSBC BANK
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	452 FIFTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 525-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27033
Affiliation Type:	Mail Contact
Company Name:	HSBC BANK

HSBC BANK (Continued) **U003764830**

Contact Type:	Not reported
Contact Name:	ANTHONY MALANDRO
Address1:	452 FIFTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 525-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27033
Affiliation Type:	On-Site Operator
Company Name:	HSBC BANK
Contact Type:	Not reported
Contact Name:	ANTHONY MALANDRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 525-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27033
Affiliation Type:	Emergency Contact
Company Name:	HSBC BANK
Contact Type:	Not reported
Contact Name:	ANTHONY MALANDRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 525-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	27033
Tank Number:	01
Tank ID:	59526
Tank Status:	Closed - Removed

HSBC BANK (Continued) **U003764830**

Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	9/1/2000
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	1/4/2000
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST UST:

PBS Number:	2-605164
SPDES Number:	Not reported
Emergency Contact:	ANTHONY MALANDRO
Emergency Telephone:	(212) 525-6244
Operator:	ANTHONY MALANDRO
Operator Telephone:	(212) 525-6244
Owner Name:	HSBC BANK
Owner Address:	452 FIFTH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10018
Owner Telephone:	(212) 525-6244
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	HSBC BANK
Mailing Address:	452 FIFTH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10018
Mailing Contact:	ANTHONY MALANDRO
Mailing Telephone:	(212) 525-6244
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	02/08/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY

HSBC BANK (Continued) **U003764830**

County Code:	61
Town or City:	01
Region:	2
Tank Id:	01
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Submersible
Date Tested:	01/04/2000
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	09/01/2000
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-605164
Program Type:	PBS
UTM X:	588016.64878000005
UTM Y:	4500717.8430700004
Expiration Date:	N/A

Affiliation Records:

Site Id:	27033
Affiliation Type:	Owner
Company Name:	HSBC BANK
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	452 FIFTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 525-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

HSBC BANK (Continued) **U003764830**

Date Last Modified:	3/4/2004

Site Id:	27033
Affiliation Type:	Mail Contact
Company Name:	HSBC BANK
Contact Type:	Not reported
Contact Name:	ANTHONY MALANDRO
Address1:	452 FIFTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 525-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27033
Affiliation Type:	On-Site Operator
Company Name:	HSBC BANK
Contact Type:	Not reported
Contact Name:	ANTHONY MALANDRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 525-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27033
Affiliation Type:	Emergency Contact
Company Name:	HSBC BANK
Contact Type:	Not reported
Contact Name:	ANTHONY MALANDRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 525-6244
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HSBC BANK (Continued) **U003764830**

Tank Info:

Tank Number:	02
Tank Id:	59527
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	9/1/2000
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-605164
SWIS Code:	6101
Operator:	ANTHONY MALANDRO
Facility Phone:	(212) 525-6244
Facility Addr2:	Not reported
Facility Type:	OTHER
Emergency:	ANTHONY MALANDRO
Emergency Tel:	(212) 525-6244
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	HSBC BANK
Owner Address:	452 FIFTH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10018
Federal ID:	Not reported
Owner Tel:	(212) 525-6244
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	ANTHONY MALANDRO
Mailing Name:	HSBC BANK
Mailing Address:	452 FIFTH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10018
Mailing Telephone:	(212) 525-6244
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	Not reported
Expiration:	02/08/2006
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data

HSBC BANK (Continued) **U003764830**

Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	02
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	5
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	1
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	09/01/2000
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

119
North
1/8-1/4
0.182 mi.
959 ft.

GUL HAYATI **AST** **A100166716**
2201 CATON AVE **N/A**
BROOKLYN, NY 11226

Relative:
Higher

Actual:
55 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604589
Program Type:	PBS
UTM X:	588216.84692000004
UTM Y:	4500705.5820599999
Expiration Date:	2015/04/27

Affiliation Records:

Site Id:	26460
Affiliation Type:	Mail Contact
Company Name:	PAR CATON AVE LLC
Contact Type:	Not reported
Contact Name:	ATHANASIOS D. RIGAS

GUL HAYATI (Continued) **A100166716**

Address1:	P.O. BOX 230-318
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11223
Country Code:	001
Phone:	(718) 336-3327
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/27/2005

Site Id:	26460
Affiliation Type:	On-Site Operator
Company Name:	GUL HAYATI
Contact Type:	Not reported
Contact Name:	GUL HAYATI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 813-3926
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/27/2005

Site Id:	26460
Affiliation Type:	Emergency Contact
Company Name:	PAR CATON AVE LLC
Contact Type:	Not reported
Contact Name:	ATHANASIOS RIGAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 336-3327
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/27/2005

Site Id:	26460
Affiliation Type:	Owner
Company Name:	PAR CATON AVE LLC
Contact Type:	PRESIDENT
Contact Name:	ATHANASIOS RIGAS
Address1:	P. O. BOX 230-318
Address2:	Not reported
City:	BROOKLYN

GUL HAYATI (Continued) **A100166716**

State:	NY
Zip Code:	11223
Country Code:	001
Phone:	(718) 336-3327
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/27/2005

Tank Info:

Tank Number:	001
Tank Id:	58269
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/6/1959
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	3/5/2010

AE120 **485 OCEAN AVE** **LTANKS** **S102671767**
WNW **485 OCEAN AVE** **HIST LTANKS** **N/A**
1/8-1/4 **BKLYN, NY**
0.182 mi.
960 ft. **Site 2 of 4 in cluster AE**

Relative:
Higher

Actual:
53 ft.

LTANKS:

Site ID:	95249
Spill No:	9108992
Spill Date:	11/22/1991
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	11/22/1991
Facility Addr2:	Not reported
Cleanup Ceased:	11/22/1991
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	11/22/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0

485 OCEAN AVE (Continued) **S102671767**

Date Entered In Computer:	11/26/1991
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	85201
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	FAULTY GAUGE. SPEEDY DRY APPLIED. WILL PICK UP & DISPOSE.

Material:

Site ID:	95249
Operable Unit ID:	959166
Operable Unit:	01
Material ID:	417655
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9108992
Spill Date:	11/22/1991
Spill Time:	12:45
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	11/22/91
Cleanup Ceased:	11/22/91

485 OCEAN AVE (Continued) **S102671767**

Cleanup Meets Standard:	True
Investigator:	TANG
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	11/22/91
Reported to Department Time:	13:41
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	11/26/91
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	/ /
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	10
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#4 FUEL OIL
Class Type:	#4 FUEL OIL
Times Material Entry In File:	1751
CAS Number:	Not reported
Last Date:	19941205

485 OCEAN AVE (Continued) **S102671767**

DEC Remarks: Not reported
Spill Cause: FAULTY GAUGE. SPEEDY DRY APPLIED. WILL PICK UP DISPOSE.

AD121 South 1/8-1/4 0.182 mi. 963 ft.

WATCHTOWER BIBLE & TRACT SOCIETY
973-981 FLATBUSH AVENUE
BROOKLYN, NY 11226

UST **U003418570**
HIST UST **N/A**

Site 4 of 4 in cluster AD

Relative: Lower

Actual: 42 ft.

UST:

Facility Id:	2-211311
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	588112.01518999995
UTM Y:	4500142.5148900002

Affiliation Records:

Site Id:	7692
Affiliation Type:	Owner
Company Name:	WATCHTOWER BIBLE & TRACT SOCIETY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	25 COLUMBIA HEIGHTS
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 560-5000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	7692
Affiliation Type:	On-Site Operator
Company Name:	WATCHTOWER BIBLE & TRACT SOCIETY
Contact Type:	Not reported
Contact Name:	FRED BARNES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 287-0891
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	7692
Affiliation Type:	Emergency Contact

WATCHTOWER BIBLE & TRACT SOCIETY (Continued) **U003418570**

Company Name:	WATCHTOWER BIBLE & TRACT SOCIETY
Contact Type:	Not reported
Contact Name:	GM. COUCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 624-8100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	7692
Affiliation Type:	Mail Contact
Company Name:	WATCHTOWER BIBLE & TRACT SOCIETY
Contact Type:	Not reported
Contact Name:	GM. COUCHLES FASHANK
Address1:	25 BROOKLYN HEIGHTS
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 624-8100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
A99 - Tank Internal Protection - Other
H00 - Tank Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Info:

Site ID:	7692

Tank Number:	1
Tank ID:	25041
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/1/1985
Capacity Gallons:	8000
Tightness Test Method:	NN
Next Test Date:	Not reported

WATCHTOWER BIBLE & TRACT SOCIETY (Continued) **U003418570**

Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST UST:

PBS Number:	2-211311
SPDES Number:	Not reported
Emergency Contact:	GM. COUCH
Emergency Telephone:	(718) 624-8100
Operator:	FRED BARNES
Operator Telephone:	(718) 287-0891
Owner Name:	WATCHTOWER BIBLE & TRACT SOCIETY
Owner Address:	25 COLUMBIA HEIGHTS
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Telephone:	(718) 624-8100
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	WATCHTOWER BIBLE & TRACT SOCIETY
Mailing Address:	25 BROOKLYN HEIGHTS
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11201
Mailing Contact:	GM. COUCHLES FASHANK
Mailing Telephone:	(718) 624-8100
Owner Mark:	Second Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	973 FLATBUSH AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1997
Expiration Date:	10/23/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	1
Tank Location:	UNDERGROUND

WATCHTOWER BIBLE & TRACT SOCIETY (Continued) **U003418570**

Tank Status:	Closed-Removed
Install Date:	19850301
Capacity (gals):	8000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Other
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AF122 **CHURCH** **LTANKS** **S107658639**
SSW **261 EAST 21ST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.183 mi.
966 ft. **Site 1 of 3 in cluster AF**

Relative:
Lower

Actual:
44 ft.

LTANKS:

Site ID:	360055
Spill No:	0513562
Spill Date:	2/23/2006
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/12/2006
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2/23/2006
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/23/2006
Spill Record Last Update:	12/12/2006
Spiller Name:	MARLIN JOSEPH
Spiller Company:	CHURCH
Spiller Address:	261 EAST 21ST STREET

CHURCH (Continued) **S107658639**

Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: MARLIN JOSEPH
Spiller Phone: (646) 772-7949
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 310172
DEC Memo: send TTF letter 02/23/06 Feroze, PBS is 2-606599. TTF is sent to : FLATBUSH 7TH DAY ADVENTIST 261 East 21th Street Brooklyn, NY 11226 03/14/06 Feroze, Mr.Jack piccinni (718-763-2000) sent me a letter that they will replace the pipe that have leak and test the tank again. They will also take soil sample for analysis. 03/15/06. Spill is transferred from Feroze to Kumer Patel. 03/31/06-Hiralkumar Patel. Received letter from Jack Piccinni. abstract of letter: - personally witnessed the failed test of #2 5000 gal tank - have been monitoring fuel consumption which is normal usage. - because of the instant negative response of test instruments, we believe the leak is at a dry air section of the piping above the tank high oil level. - have requested estimates from Petroleum Tank Cleaners and other environmental companies to pump and vapor free the tank for interior access. - will cap all piping and test tank and proceed to determine piping leaks. 04/21/06-Hiralkumar Patel. Spoke with Jack and he told me that they have hired Petroleum Tank to do isolation test. Petroleum has done test and found that tank is tight, but one of lines is leaking. Petroleum will do line test once they get permission from owner as owner is thinking to do any further work after Ester. the person who is handling engineering work at church is George Pethuna (646-252-7112). Left message for George. called Petroleum and operator told me that she doesn't see any kind of work done in database. she transferred me to Mark as he is handling this. Left message for Mark. Spoke with Mark and as per him they have not been hired by owner to do further work. they did initial test and found that system is leaking. he hasn't heard after that. 05/12/06-Hiralkumar Patel. Left message for George. Left message for Jack. 05/26/06-Hiralkumar Patel. Received call from Ellsworth Cross from CT Construction company. they worked at site in 2003 and put new concrete floor. Mr. Cross is planning to go on site in second week of Jun to open tank top as they left 6" hole in floor for tank access and will do isolation test. as per him, when they put new floor, there was stick line in manhole going to tank, and he thinks that this line is the cause of test failure. he will call back once have test result. Ellsworth Cross Ph. (860) 299-5040 (O) (860) 870-4778 (H) 07/06/06-Hiralkumar Patel. spoke to Mr. Cross. he has scheduled on july 13, 2006 for isolation test. will call back on friday july 14, 2006. 08/01/06-Hiralkumar Patel. spoke with Mr. Cross. he opened tank top and found loose plug on stick well. they tighten this and will do system test again on thursday august 3rd, 2006. 08/29/06-Hiralkumar Patel. spoke with Mr. Cross. after tightening plug on stick well, they have tested each part separately and passed. after that Mr. Piccinni hired another company for whole system test and system passed. Mr. Cross doesn't have tank test result and asked to contact Mr. Piccinni. Left message for Mr. Piccinni. received message from Mr. Piccinni (646-302-5318). after repair work done, petroleum has tested tank and it passed. owner has some conflicts about sales tax on final bill from petroleum, but once he gets documents, he will forward it to the Department. 09/25/06-Hiralkumar Patel. left message for Mr. Piccinni. 09/26/06-Hiralkumar Patel.

CHURCH (Continued) **S107658639**

received call from Mr. Piccinni. he asked to call Petroleum. spoke with Diana at Petroleum. they have mailed documents. 11/08/06-Hiralkumar Patel. spoke with Mr. Piccinni. he asked to call Petroleum. spoke with Joe at Petroleum. he will check with Diana and will send documents. 11/16/06-Hiralkumar Patel. spoke with Diana at Petroleum. she will fax tank test result. spoke with Mr. Cross. asked him to send written explanation about cause of tank test failure. 12/01/06-Hiralkumar Patel. spoke to operator at Petroleum. Diana has faxed tank test result on 11/17, but i never received it. asked them to fax it again. 12/05/06-Hiralkumar Patel. received fax from Diana from PTC containing tank test result. tank system passed in test. spoke with Mr. Piccinni and asked him to send letter stating reason for failure during previous tank test. 12/12/06-Hiralkumar Patel. received letter from Mr. Piccinni stating reason for tank test was loose stick well plug. based on available information, case closed.

Remarks: PBS No: 2-606559

Material:

Site ID:	360055
Operable Unit ID:	1117245
Operable Unit:	01
Material ID:	2107737
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	360055
Spill Tank Test:	1549755
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	2/23/2006
Test Method:	Horner EZ Check I or II

AF123 **FLATBUSH 7TH DAY ADVENTIST CHURCH** **UST** **U003800427**
SSW **261 EAST 21ST STREET** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.183 mi.
966 ft. **Site 2 of 3 in cluster AF**

Relative:
Lower

Actual:
44 ft.

UST:

Facility Id:	2-606599
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS

FLATBUSH 7TH DAY ADVENTIST CHURCH (Continued) **U003800427**

Expiration Date:	2011/08/01
UTM X:	588006.96427
UTM Y:	4500159.4422000004

Affiliation Records:

Site Id:	28458
Affiliation Type:	Emergency Contact
Company Name:	NORTHEASTERN CONFERENCE OF 7TH DAY ADVENTIST
Contact Type:	Not reported
Contact Name:	GEORGE BETHUNE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 258-2735
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	28458
Affiliation Type:	Owner
Company Name:	NORTHEASTERN CONFERENCE OF 7TH DAY ADVENTIST
Contact Type:	TREASURER
Contact Name:	GEORGE BETHUNE
Address1:	115-50 MERRICK BOULEVARD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11434-1896
Country Code:	001
Phone:	(718) 291-8006
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/22/2006

Site Id:	28458
Affiliation Type:	On-Site Operator
Company Name:	FLATBUSH 7TH DAY ADVENTIST CHURCH
Contact Type:	Not reported
Contact Name:	CHILON FORRESTER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 693-9180
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

FLATBUSH 7TH DAY ADVENTIST CHURCH (Continued) **U003800427**

Site Id:	28458
Affiliation Type:	Mail Contact
Company Name:	FLATBUSH 7TH DAY ADVENTIST CHURCH
Contact Type:	Not reported
Contact Name:	GEORGE BETHUNE
Address1:	261 EAST 21ST STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 693-9180
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	28458
Tank Number:	001
Tank ID:	61652
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	21
Next Test Date:	8/15/2011
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	8/15/2006
Register:	True
Modified By:	BKFALVEY
Last Modified:	12/7/2006

HIST UST:

PBS Number:	2-606599
SPDES Number:	Not reported
Emergency Contact:	GEORGE BETHUNE
Emergency Telephone:	(718) 258-2735
Operator:	CHILON FORRESTER
Operator Telephone:	(718) 693-9180
Owner Name:	NORTHEASTERN CONFERENCE OF 7TH DAY ADVENTIST
Owner Address:	115-50 MERRICK BOULEVARD
Owner City,St,Zip:	JAMAICA, NY 11434-1896
Owner Telephone:	(718) 291-8006
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	FLATBUSH 7TH DAY ADVENTIST CHURCH
Mailing Address:	261 EAST 21ST STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Contact:	GEORGE BETHUNE

FLATBUSH 7TH DAY ADVENTIST CHURCH (Continued) **U003800427**

Mailing Telephone:	(718) 693-9180
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/14/2001
Expiration Date:	08/01/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/07/2001
Next Test Date:	08/07/2006
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

AG124 NNW 1/8-1/4 0.184 mi. 972 ft. | **CATON 6064 LLC**
2164 CATON AVE
BROOKLYN, NY 11226

Site 1 of 2 in cluster AG

AST | **A100291797**
N/A

Relative: Higher

Actual: 54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-607475
Program Type:	PBS
UTM X:	588059.14450000005
UTM Y:	4500760.3062100001
Expiration Date:	2011/12/20

Affiliation Records:

Site Id:	29327
Affiliation Type:	Emergency Contact
Company Name:	CATON 6064 LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/23/2007

Site Id:	29327
Affiliation Type:	On-Site Operator
Company Name:	2160-2164 CATON LLC
Contact Type:	Not reported
Contact Name:	ALBERT DANIEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-9677
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29327
Affiliation Type:	Mail Contact
Company Name:	CATON 6064 LLC
Contact Type:	LLC MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD., SUITE 302
Address2:	Not reported

CATON 6064 LLC (Continued) **A100291797**

City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/23/2007

Site Id:	29327
Affiliation Type:	Owner
Company Name:	CATON 6064 LLC
Contact Type:	LLC MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD., SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/23/2007

Tank Info:

Tank Number:	001
Tank Id:	63043
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1934
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	5/23/2007

125 NNE 1/8-1/4 0.184 mi. 972 ft. | **2101 BEDFORD REALTY LLC**
2101 BEDFORD AVENUE
BROOKLYN, NY 11226 | **UST** | **U004045185**
N/A

Relative: Higher

Actual: 54 ft.

UST:

Facility Id:	2-603911
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2011/01/24
UTM X:	588296.66709
UTM Y:	4500728.71569

Affiliation Records:

Site Id:	25805
Affiliation Type:	Mail Contact
Company Name:	THE LONDON YARN BUILDING
Contact Type:	Not reported
Contact Name:	J. EISENBERG
Address1:	590 56TH STREET
Address2:	Not reported
City:	WEST NEW YORK
State:	NJ
Zip Code:	07093
Country Code:	001
Phone:	(201) 537-5144
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/1/2007

Site Id:	25805
Affiliation Type:	Emergency Contact
Company Name:	SKYLINE NYC LLC
Contact Type:	Not reported
Contact Name:	LUCIEN ZITO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 416-6311
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/6/2007

Site Id:	25805
Affiliation Type:	On-Site Operator
Company Name:	2101 BEDFORD REALTY LLC
Contact Type:	Not reported
Contact Name:	JOSE DIAZ
Address1:	Not reported
Address2:	Not reported

2101 BEDFORD REALTY LLC (Continued) **U004045185**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 226-6271
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	5/22/2007

Site Id:	25805
Affiliation Type:	Owner
Company Name:	SKYLINE NYC LLC
Contact Type:	OFFICER
Contact Name:	J. EISENBERG
Address1:	2100 WALLACE AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10462
Country Code:	001
Phone:	(718) 690-2000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/1/2007

Tank Info:

Site ID:	25805

Tank Number:	001
Tank ID:	55983
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/23/1941
Capacity Gallons:	3000
Tightness Test Method:	21
Next Test Date:	12/1/2010
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	12/1/2005
Register:	True
Modified By:	KXTANG
Last Modified:	5/22/2007

AG126 NNW 1/8-1/4 0.185 mi. 976 ft. | **CATON 6064 LLC**
2160 CATON AVE
BROOKLYN, NY 11226

Site 2 of 2 in cluster AG

AST | **A100291796**
N/A

Relative: Higher

Actual: 54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-607472
Program Type:	PBS
UTM X:	588048.43292000005
UTM Y:	4500758.9617999997
Expiration Date:	2011/12/20

Affiliation Records:

Site Id:	29324
Affiliation Type:	Owner
Company Name:	CATON 6064 LLC
Contact Type:	LLC MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD., SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 782-0579
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/23/2007

Site Id:	29324
Affiliation Type:	Mail Contact
Company Name:	CATON 6064 LLC
Contact Type:	LLC MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD., SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/23/2007

Site Id:	29324
Affiliation Type:	Emergency Contact
Company Name:	CATON 6064 LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported

CATON 6064 LLC (Continued) **A100291796**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/23/2007

Site Id:	29324
Affiliation Type:	On-Site Operator
Company Name:	2160-2164 CATON LLC
Contact Type:	Not reported
Contact Name:	ALBERT DANIEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-9677
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	63040
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/17/1934
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	5/23/2007

AH127 **570 OCEAN AVENUE, LLC** **UST** **U003128155**
WSW **570 OCEAN AVENUE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.187 mi.
985 ft. **Site 1 of 2 in cluster AH**

Relative:
Higher

Actual:
50 ft.

UST:

Facility Id:	2-346314
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/12/14
UTM X:	587900.17769000004
UTM Y:	4500284.9317800002

Affiliation Records:

Site Id:	16928
Affiliation Type:	Owner
Company Name:	OCEAN AVENUE COMPANY
Contact Type:	MANAGER
Contact Name:	ALAN FISHER
Address1:	152 W 57 ST., 12 FL
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 315-3390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/25/2007

Site Id:	16928
Affiliation Type:	On-Site Operator
Company Name:	570 OCEAN AVENUE, LLC
Contact Type:	Not reported
Contact Name:	JUNIOR WIER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 436-2415
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/25/2007

Site Id:	16928
Affiliation Type:	Emergency Contact
Company Name:	OCEAN AVENUE COMPANY
Contact Type:	Not reported
Contact Name:	BENNY SOKOL
Address1:	Not reported
Address2:	Not reported

570 OCEAN AVENUE, LLC (Continued) **U003128155**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 273-0998
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/25/2007

Site Id:	16928
Affiliation Type:	Mail Contact
Company Name:	FISHER ASSOCIATES
Contact Type:	Not reported
Contact Name:	BENNY SOKOL
Address1:	C/O FISHER ASSOCIATES
Address2:	152 WEST 57TH ST., 12TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 315-3390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/25/2007

Tank Info:

Site ID:	16928

Tank Number:	001
Tank ID:	32887
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/26/1957
Capacity Gallons:	5000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	10/25/2007

HIST UST:

PBS Number:	2-346314
SPDES Number:	Not reported
Emergency Contact:	ALEX ROPER
Emergency Telephone:	(718) 856-3301
Operator:	ALEX ROPER
Operator Telephone:	(718) 856-3301

570 OCEAN AVENUE, LLC (Continued) **U003128155**

Owner Name:	OCEAN AVENUE COMPANY
Owner Address:	1775 BROADWAY #515
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 315-3390
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Name:	OCEAN AVENUE COMPANY LLC
Mailing Address:	C/O FISHER ASSOCIATES
Mailing Address 2:	1775 BROADWAY 515
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	JACK BERKOVITCH
Mailing Telephone:	(212) 315-3390
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	570 OCEAN AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/27/1999
Expiration Date:	12/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	Electronic
Overfill Prot:	Vent Whistle

570 OCEAN AVENUE, LLC (Continued) **U003128155**

Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AE128 **475 OCEAN AVE** **LTANKS** **S109374684**
WNW **475 OCEAN AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.187 mi.
988 ft. **Site 3 of 4 in cluster AE**

Relative:
Higher

Actual:
53 ft.

LTANKS:

Site ID:	407053
Spill No:	0809574
Spill Date:	11/24/2008
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Not reported
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	11/25/2008
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	11/25/2008
Spill Record Last Update:	6/30/2010
Spiller Name:	Not reported
Spiller Company:	NA
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	NONE
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	356312
DEC Memo:	10/2/09 - Austin - Transferred from Albany staff (Ann MacBride? - listed in Forestry) for further investigation. Temporarliy transferred to me for further research/investigation. - end 3/3/10 - Austin - This is a TTF - Transferred to Krimgold for review by his staff - end
Remarks:	Failed tank test. Caller tried to report at 1600 hrs 11-24-08. Dispatcher would not take call because tank number unknown

475 OCEAN AVE (Continued) **S109374684**

Material:

Site ID:	407053
Operable Unit ID:	1163614
Operable Unit:	01
Material ID:	2154958
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AE129 **TOP REALTY** **AST** **A100292423**
WNW **475 OCEAN AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.187 mi.
988 ft. **Site 4 of 4 in cluster AE**

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-607851
Program Type:	PBS
UTM X:	587828.61829000001
UTM Y:	4500559.8596299998
Expiration Date:	2014/10/21

Affiliation Records:

Site Id:	29703
Affiliation Type:	Emergency Contact
Company Name:	TOP REALTY
Contact Type:	Not reported
Contact Name:	VERNAL HALL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 907-3214

TOP REALTY (Continued) **A100292423**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/21/2009

Site Id:	29703
Affiliation Type:	Mail Contact
Company Name:	TOP REALTY
Contact Type:	Not reported
Contact Name:	PAT MONGELLI
Address1:	6120 18TH AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 232-1122
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/21/2009

Site Id:	29703
Affiliation Type:	On-Site Operator
Company Name:	TOP REALTY
Contact Type:	Not reported
Contact Name:	VERNAL HALL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 907-3214
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/21/2009

Site Id:	29703
Affiliation Type:	Owner
Company Name:	TOP REALTY
Contact Type:	OWNER
Contact Name:	BRENDA ELISHIS
Address1:	6120 18TH AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11204
Country Code:	001
Phone:	(718) 232-1122
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

TOP REALTY (Continued) **A100292423**

Modified By: MSBAPTIS
Date Last Modified: 10/21/2009

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping
H05 - Tank Leak Detection - In-Tank System (ATG)
B00 - Tank External Protection - None
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Info:

Tank Number:	001
Tank Id:	63642
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1987
Capacity Gallons:	5000
Tightness Test Method:	21
Date Test:	1/12/2009
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MXAJOKU
Last Modified:	4/21/2010

AC130 **HOLY CROSS R.C. CHURCH** **HIST UST** **U001837439**
East **2530 CHURCH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.189 mi.
996 ft. **Site 8 of 8 in cluster AC**

Relative:
Higher

Actual:
49 ft.

HIST UST:

PBS Number:	2-399655
SPDES Number:	Not reported
Emergency Contact:	CLEMENT XAVIER
Emergency Telephone:	(718) 469-5900
Operator:	CLEMENT XAVIER
Operator Telephone:	(718) 469-5900
Owner Name:	HOLY CROSS R.C. CHURCH
Owner Address:	2530 CHURCH AVE
Owner City,St,Zip:	BROOKLYN, NY 11226
Owner Telephone:	(171) 469-5900
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	HOLY CROSS PARISH
Mailing Address:	2530 CHURCH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Contact:	Not reported

HOLY CROSS R.C. CHURCH (Continued) **U001837439**

Mailing Telephone:	(718) 469-5900
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	12 VERONICA PLACE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/23/1998
Expiration Date:	10/06/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	09/01/2000
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002

HOLY CROSS R.C. CHURCH (Continued) **U001837439**

Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19251201
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	05/01/1999
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	07/01/1999
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

AF131 **LUCINDER H. JOHN** **AST** **A100295869**
SSW **266 E 21 STREET, 2D** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.190 mi.
1004 ft. **Site 3 of 3 in cluster AF**

Relative:
Lower

Actual:
44 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608350
Program Type:	PBS
UTM X:	587959.62540999998
UTM Y:	4500207.2511799997
Expiration Date:	2015/06/07

Affiliation Records:

Site Id:	30202
Affiliation Type:	Emergency Contact
Company Name:	ROYSTON JOHN/LUCINDER JOHN
Contact Type:	Not reported
Contact Name:	LUCINDER JOHN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 548-9099
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

LUCINDER H. JOHN (Continued) **A100295869**

Date Last Modified: 3/4/2004

Site Id: 30202
Affiliation Type: On-Site Operator
Company Name: LUCINDER H. JOHN
Contact Type: Not reported
Contact Name: LUCINDER JOHN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 287-9510
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/23/2008

Site Id: 30202
Affiliation Type: Owner
Company Name: LUCINDER JOHN
Contact Type: OWNER
Contact Name: LUCINDER JOHN
Address1: 266E 21 STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11226
Country Code: 001
Phone: (718) 287-9510
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/23/2008

Site Id: 30202
Affiliation Type: Mail Contact
Company Name: Not reported
Contact Type: Not reported
Contact Name: LUCINDER JOHN
Address1: 266 E 21 STREET, 2D
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11226
Country Code: 001
Phone: (718) 287-9510
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

LUCINDER H. JOHN (Continued) **A100295869**

Tank Info:

Tank Number:	001
Tank Id:	65066
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/7/1979
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	5/13/2010

AI132 **95 REALTY NY LLC** **AST** **A100298598**
NE **95 LINDEN BOULEVARD** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.191 mi.
1010 ft. **Site 1 of 4 in cluster AI**

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-206652
Program Type:	PBS
UTM X:	588364.93290999997
UTM Y:	4500651.6256100005
Expiration Date:	2016/01/12

Affiliation Records:

Site Id:	7294
Affiliation Type:	Mail Contact
Company Name:	PINNACLE GROUP
Contact Type:	Not reported
Contact Name:	MEIR BOUSKILA
Address1:	P.O. BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	11/29/2010

Site Id:	7294
Affiliation Type:	Owner
Company Name:	95 REALTY NY LLC % PINNACLE GROUP
Contact Type:	OFFICER

95 REALTY NY LLC (Continued) **A100298598**

Contact Name:	MEIR BOUSKILA
Address1:	P.O. BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/26/2010

Site Id:	7294
Affiliation Type:	On-Site Operator
Company Name:	95 REALTY NY LLC
Contact Type:	Not reported
Contact Name:	ZUV HUSEINOVIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 210-7177
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/26/2010

Site Id:	7294
Affiliation Type:	Emergency Contact
Company Name:	95 REALTY NY LLC % PINNACLE GROUP
Contact Type:	Not reported
Contact Name:	VICTORIA GEOFFREY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 879-4868
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/26/2010

Tank Info:

Tank Number:	2
Tank Id:	213356
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service

95 REALTY NY LLC (Continued) **A100298598**

Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/19/2006
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	9/1/2006

AI133 **95 REALTY NY LLC** **UST** **U004077057**
NE **95 LINDEN BOULEVARD** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.191 mi.
1010 ft. **Site 2 of 4 in cluster AI**

Relative:
Higher

Actual:
53 ft.

UST:

Facility Id:	2-206652
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2016/01/12
UTM X:	588364.93290999997
UTM Y:	4500651.6256100005

Affiliation Records:

Site Id:	7294
Affiliation Type:	Mail Contact
Company Name:	PINNACLE GROUP
Contact Type:	Not reported
Contact Name:	MEIR BOUSKILA
Address1:	P.O. BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	11/29/2010

Site Id:	7294
Affiliation Type:	Owner
Company Name:	95 REALTY NY LLC % PINNACLE GROUP
Contact Type:	OFFICER
Contact Name:	MEIR BOUSKILA
Address1:	P.O. BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116
Country Code:	001

95 REALTY NY LLC (Continued) **U004077057**

Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/26/2010

Site Id:	7294
Affiliation Type:	On-Site Operator
Company Name:	95 REALTY NY LLC
Contact Type:	Not reported
Contact Name:	ZUV HUSEINOVIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 210-7177
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/26/2010

Site Id:	7294
Affiliation Type:	Emergency Contact
Company Name:	95 REALTY NY LLC % PINNACLE GROUP
Contact Type:	Not reported
Contact Name:	VICTORIA GEOFFREY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 879-4868
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/26/2010

Tank Info:

Site ID:	7294

Tank Number:	1
Tank ID:	9542
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	10000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	6/25/2006
Tank Location:	5

95 REALTY NY LLC (Continued) **U004077057**

Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	9/1/2006

AI134 **95 LINDEN BLVD** **HIST UST** **U000397614**
NE **95 LINDEN BLVD** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.191 mi.
1010 ft. **Site 3 of 4 in cluster AI**

Relative:
Higher

Actual:
53 ft.

HIST UST:

PBS Number:	2-206652
SPDES Number:	Not reported
Emergency Contact:	POSITIVE HEATING CORP
Emergency Telephone:	(718) 629-4000
Operator:	BERTA MANAGEMENT
Operator Telephone:	(718) 338-7788
Owner Name:	SILCO REALTY CORPORATION
Owner Address:	1860 FLATBUSH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11210
Owner Telephone:	(718) 338-7788
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	SILCO REALTY CORPORATION
Mailing Address:	1860 FLATBUSH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11210
Mailing Contact:	Not reported
Mailing Telephone:	(718) 338-7788
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	95 LINDEN BLVD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/28/1998
Expiration Date:	01/20/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	10000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01

95 LINDEN BLVD (Continued) **U000397614**

Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	10000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Wrapped (Piping)
Second Containment:	Synthetic Liner
Leak Detection:	Electronic
Overfill Prot:	Product Level Gauge, Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AH135 **575 OCEAN AVENUE H.D.F.C.** **AST** **A100157611**
SW **575 OCEAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.192 mi.
1013 ft. **Site 2 of 2 in cluster AH**

Relative:
Higher

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-479349
Program Type:	PBS
UTM X:	587904.63407000003
UTM Y:	4500261.8526299996
Expiration Date:	2009/12/06

Affiliation Records:

Site Id:	21342
Affiliation Type:	Emergency Contact
Company Name:	575 OCEAN AVE H.D.F.C. C/O HSC MGT
Contact Type:	Not reported
Contact Name:	JULIAN ALEXANDER (SUPER)
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-3650
Phone Ext:	Not reported

575 OCEAN AVENUE H.D.F.C. (Continued) **A100157611**

Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21342
Affiliation Type:	Mail Contact
Company Name:	575 OCEAN AVE HDFC C/O HSC MGT CORP
Contact Type:	Not reported
Contact Name:	JOSH KOPPEL (PROP. MGR.)
Address1:	850 BRONX RIVER RD
Address2:	Not reported
City:	YONKERS
State:	NY
Zip Code:	10708
Country Code:	001
Phone:	(914) 237-1600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21342
Affiliation Type:	On-Site Operator
Company Name:	575 OCEAN AVENUE H.D.F.C.
Contact Type:	Not reported
Contact Name:	H.S.C. MANAGEMENT CORP.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 237-1600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/9/2004

Site Id:	21342
Affiliation Type:	Owner
Company Name:	575 OCEAN AVE H.D.F.C. C/O HSC MGT
Contact Type:	AS MANAGING AGENT
Contact Name:	JOSH KOPPEL
Address1:	850 BRONX RIVER RD
Address2:	Not reported
City:	YONKERS
State:	NY
Zip Code:	10708
Country Code:	001
Phone:	(914) 237-1600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG

575 OCEAN AVENUE H.D.F.C. (Continued) **A100157611**

Date Last Modified: 11/9/2004

Tank Info:

Tank Number:	001
Tank Id:	38701
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

AJ136 **470 OCEAN AVE** **AST** **U003389988**
WNW **470 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.195 mi.
1029 ft. **Site 1 of 3 in cluster AJ**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-259098
Program Type:	PBS
UTM X:	587853.06981999998
UTM Y:	4500546.1991299996
Expiration Date:	2016/01/12

Affiliation Records:

Site Id:	10762
Affiliation Type:	Owner
Company Name:	470 REALTY LLC
Contact Type:	OFFICER
Contact Name:	MEIR BOUSKILA
Address1:	P.O. BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	10762
Affiliation Type:	Mail Contact

470 OCEAN AVE (Continued) **U003389988**

Company Name:	470 REALTY LLC
Contact Type:	OFFICER
Contact Name:	MEIR BOUSKILA
Address1:	P.O. BOX 1920
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10116
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	10762
Affiliation Type:	On-Site Operator
Company Name:	470 REALTY NY LLC
Contact Type:	Not reported
Contact Name:	S CHERRY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 772-8257
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Site Id:	10762
Affiliation Type:	Emergency Contact
Company Name:	470 REALTY LLC
Contact Type:	Not reported
Contact Name:	VICTORIA GEOFFREY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 879-4868
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/1/2010

Tank Info:

Tank Number:	001
Tank Id:	18090
Tank Location:	3

470 OCEAN AVE (Continued) **U003389988**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/9/1996
Capacity Gallons:	9000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/1/2010

HIST AST:

PBS Number:	2-259098
SWIS Code:	6101
Operator:	NEISS MANAGEMENT
Facility Phone:	(718) 377-8700
Facility Addr2:	470 OCEAN AVE
Facility Type:	Not reported
Emergency:	POSITIVE HEATING CORP
Emergency Tel:	(718) 629-4000
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	470 OCEAN LLC
Owner Address:	1860 FLATBUSH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11210
Federal ID:	Not reported
Owner Tel:	(718) 377-8700
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	470 OCEAN LLC
Mailing Address:	1860 FLATBUSH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11210
Mailing Telephone:	(718) 377-8700
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/28/1998
Expiration:	01/20/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	9000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY

470 OCEAN AVE (Continued) **U003389988**

County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	9000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	1
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	Diking
Leak Detection:	01
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AJ137 **OCEAN REALTY 465 ASSOCIATES, LLC** **AST** **U003389106**
WNW **465 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.196 mi.
1033 ft. **Site 2 of 3 in cluster AJ**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-293091
Program Type:	PBS
UTM X:	587852.4902
UTM Y:	4500549.9526899997
Expiration Date:	2012/09/19

Affiliation Records:

Site Id:	13360
Affiliation Type:	Emergency Contact
Company Name:	MARC NELSON
Contact Type:	Not reported
Contact Name:	POSITIVE HEATING OF NY INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

OCEAN REALTY 465 ASSOCIATES, LLC (Continued) **U003389106**

Country Code:	001
Phone:	(718) 629-4000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13360
Affiliation Type:	Mail Contact
Company Name:	OCEAN REALTY 465 ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	MARC NELSON
Address1:	2917 AVENUE M
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 252-6617
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/29/2007

Site Id:	13360
Affiliation Type:	On-Site Operator
Company Name:	OCEAN REALTY 465 ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	MARC NELSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 282-3086
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	13360
Affiliation Type:	Owner
Company Name:	OCEAN REALTY 465 ASSOCIATES, LLC
Contact Type:	MANAGER/PARTNER
Contact Name:	DAVID SHURIN
Address1:	2917 AVENUE M
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 252-6617
Phone Ext:	Not reported

OCEAN REALTY 465 ASSOCIATES, LLC (Continued) **U003389106**

Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/29/2007

Tank Info:

Tank Number:	001
Tank Id:	15232
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/1/1927
Capacity Gallons:	4500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	6/29/2007

HIST AST:

PBS Number:	2-293091
SWIS Code:	6101
Operator:	MARC NELSON
Facility Phone:	(718) 282-3086
Facility Addr2:	465 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	POSITIVE HEATING OF NY INC
Emergency Tel:	(718) 629-4000
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MARC NELSON
Owner Address:	P O BOX 68 HOMECREST STATION
Owner City,St,Zip:	BROOKLYN, NY 11229
Federal ID:	Not reported
Owner Tel:	(718) 252-6617
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	MARC NELSON
Mailing Address:	P O BOX 68 HOMECREST STATION
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11229
Mailing Telephone:	(718) 252-6617
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/15/1997

OCEAN REALTY 465 ASSOCIATES, LLC (Continued) **U003389106**

Expiration:	09/19/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	1
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	Not reported
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AI138 **100 LINDEN BOULEVARD** **AST** **U003387724**
NE **100 LINDEN BOULEVARD** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.196 mi.
1036 ft. **Site 4 of 4 in cluster AI**

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-202711
Program Type:	PBS
UTM X:	588372.69675999996
UTM Y:	4500652.1459100004
Expiration Date:	2012/07/10

100 LINDEN BOULEVARD (Continued) **U003387724**

Affiliation Records:

Site Id:	6957
Affiliation Type:	Emergency Contact
Company Name:	100 LINDEN REALTY LLC
Contact Type:	Not reported
Contact Name:	LILMER MANAGEMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 692-2525
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6957
Affiliation Type:	Owner
Company Name:	100 LINDEN REALTY LLC
Contact Type:	MANAGING MEMBER
Contact Name:	100 LINDEN REALTY LLC
Address1:	2003 AVENUE J. SUITE 1C
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 625-2525
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	5/22/2007

Site Id:	6957
Affiliation Type:	Mail Contact
Company Name:	100 LINDEN REALTY L.L.C.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2003 AVENUE J SUITE 1C
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 692-2525
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6957
Affiliation Type:	On-Site Operator

100 LINDEN BOULEVARD (Continued) **U003387724**

Company Name:	100 LINDEN REALTY LLC
Contact Type:	Not reported
Contact Name:	EVERARD ELIOT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 856-3805
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	12470
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1935
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	5/22/2007

HIST AST:

PBS Number:	2-202711
SWIS Code:	6101
Operator:	EVERARD ELIOT
Facility Phone:	(718) 856-9218
Facility Addr2:	100 LINDEN BOULEVARD
Facility Type:	APARTMENT BUILDING
Emergency:	M. BASCH
Emergency Tel:	(718) 692-2525
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	100 LINDEN REALTY LLC
Owner Address:	2003 AVENUE J. SUITE 1C
Owner City,St,Zip:	BROOKLYN, NY 11210
Federal ID:	Not reported
Owner Tel:	(718) 625-2525
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported

100 LINDEN BOULEVARD (Continued) **U003387724**

Mailing Name:	100 LINDEN REALTY L.L.C.
Mailing Address:	2003 AVENUE J SUITE 1C
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11210
Mailing Telephone:	(718) 692-2525
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/18/1997
Expiration:	07/10/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AK139 **APARTMENT BUILDING** **HIST UST** **U003074518**
NW **2114 CATON AVE** **AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226** **HIST AST**
0.197 mi.
1038 ft. **Site 1 of 4 in cluster AK**

Relative:
Higher

Actual:
54 ft.

HIST UST:

PBS Number:	2-292745
SPDES Number:	Not reported
Emergency Contact:	CITA SOOKRAJ
Emergency Telephone:	(718) 462-7110
Operator:	CITA SOOKRAJ
Operator Telephone:	(718) 462-7110
Owner Name:	2104 CATON REALTY ASSOC
Owner Address:	PO BOX 300576 MIDWOOD STA
Owner City,St,Zip:	BROOKLYN, NY 11230
Owner Telephone:	(718) 258-1198
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	2104 CATON REALTY ASSOC
Mailing Address:	C/O S ECKSTEIN ASSOC.
Mailing Address 2:	1009 E.14 STREET
Mailing City,St,Zip:	BROOKLYN, NY 11230
Mailing Contact:	Not reported
Mailing Telephone:	(718) 258-1198
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	2114 CATON AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/11/1997
Expiration Date:	07/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	4450
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	4000

APARTMENT BUILDING (Continued) **U003074518**

Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-292745
Program Type:	PBS
UTM X:	587956.13219000003
UTM Y:	4500693.3431200003
Expiration Date:	2012/10/29

Affiliation Records:

Site Id:	13329
Affiliation Type:	On-Site Operator
Company Name:	2102 CATON PROPERTIES, LLC.
Contact Type:	Not reported
Contact Name:	JAY GOLD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 953-0344
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	6/13/2008

Site Id:	13329
Affiliation Type:	Mail Contact
Company Name:	2102 CATON PROPERTIES, LLC.
Contact Type:	Not reported
Contact Name:	JAY GOLD
Address1:	549 EMPIRE BLVD.
Address2:	Not reported

APARTMENT BUILDING (Continued) **U003074518**

City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-0344
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	6/13/2008

Site Id:	13329
Affiliation Type:	Emergency Contact
Company Name:	212 CATON PROPERTIES, LLC.
Contact Type:	Not reported
Contact Name:	JAY GOLD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 953-0344
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	6/13/2008

Site Id:	13329
Affiliation Type:	Owner
Company Name:	212 CATON PROPERTIES, LLC.
Contact Type:	MGR
Contact Name:	JAY GOLD
Address1:	549 EMPIRE BLVD.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-0344
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	6/13/2008

Tank Info:

Tank Number:	002
Tank Id:	15200
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Temporarily Out of Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1960

APARTMENT BUILDING (Continued) **U003074518**

Capacity Gallons:	450
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	kakyer
Last Modified:	6/13/2008

HIST AST:

PBS Number:	2-292745
SWIS Code:	6101
Operator:	CITA SOOKRAJ
Facility Phone:	(718) 462-7110
Facility Addr2:	2114 CATON AVE
Facility Type:	APARTMENT BUILDING
Emergency:	CITA SOOKRAJ
Emergency Tel:	(718) 462-7110
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	2104 CATON REALTY ASSOC
Owner Address:	PO BOX 300576 MIDWOOD STA
Owner City,St,Zip:	BROOKLYN, NY 11230
Federal ID:	Not reported
Owner Tel:	(718) 258-1198
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	2104 CATON REALTY ASSOC
Mailing Address:	C/O S ECKSTEIN ASSOC.
Mailing Address 2:	1009 E.14 STREET
Mailing City,St,Zip:	BROOKLYN, NY 11230
Mailing Telephone:	(718) 258-1198
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/11/1997
Expiration:	07/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4450
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	002

APARTMENT BUILDING (Continued) **U003074518**

Tank Location:	ABOVEGROUND
Tank Status:	Temporarily Out Of Service
Install Date:	Not reported
Capacity (Gal):	450
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	Not reported
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AK140 **2102 CATON PROPERTIES, LLC.** **UST** **U004077985**
NW **2114 CATON AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.197 mi.
1038 ft. **Site 2 of 4 in cluster AK**

Relative:
Higher

Actual:
54 ft.

UST:

Facility Id:	2-292745
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/10/29
UTM X:	587956.13219000003
UTM Y:	4500693.3431200003

Affiliation Records:

Site Id:	13329
Affiliation Type:	On-Site Operator
Company Name:	2102 CATON PROPERTIES, LLC.
Contact Type:	Not reported
Contact Name:	JAY GOLD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 953-0344
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

2102 CATON PROPERTIES, LLC. (Continued) **U004077985**

Modified By:	kakyer
Date Last Modified:	6/13/2008

Site Id:	13329
Affiliation Type:	Mail Contact
Company Name:	2102 CATON PROPERTIES, LLC.
Contact Type:	Not reported
Contact Name:	JAY GOLD
Address1:	549 EMPIRE BLVD.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-0344
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	6/13/2008

Site Id:	13329
Affiliation Type:	Emergency Contact
Company Name:	212 CATON PROPERTIES, LLC.
Contact Type:	Not reported
Contact Name:	JAY GOLD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 953-0344
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	6/13/2008

Site Id:	13329
Affiliation Type:	Owner
Company Name:	212 CATON PROPERTIES, LLC.
Contact Type:	MGR
Contact Name:	JAY GOLD
Address1:	549 EMPIRE BLVD.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-0344
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	6/13/2008

2102 CATON PROPERTIES, LLC. (Continued) **U004077985**

Tank Info:

Site ID:	13329
Tank Number:	001
Tank ID:	15199
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1960
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	kakyer
Last Modified:	6/13/2008

AL141 **590 OCEAN AVE** **AST** **U003387147**
SW **590 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.203 mi.
1074 ft. **Site 1 of 3 in cluster AL**

Relative:
Higher

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-192740
Program Type:	PBS
UTM X:	587910.94432999997
UTM Y:	4500230.8343200004
Expiration Date:	2012/04/24

Affiliation Records:

Site Id:	6077
Affiliation Type:	Owner
Company Name:	590 OCEAN LLC
Contact Type:	PRINCIPAL
Contact Name:	ISRAEL WEINBERGER
Address1:	95-04 DELANCEY ST.
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	Not reported
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	3/5/2008

Site Id:	6077
Affiliation Type:	Mail Contact
Company Name:	590 OCEAN LLC

590 OCEAN AVE (Continued) **U003387147**

Contact Type:	Not reported
Contact Name:	Not reported
Address1:	95-04 DELANCEY ST.
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 777-2060
Phone Ext:	Not reported
Email:	CUSTOMERSERVICE@COLTOWN.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	3/5/2008

Site Id:	6077
Affiliation Type:	On-Site Operator
Company Name:	590 OCEAN AVE
Contact Type:	Not reported
Contact Name:	BROOKLYN HEATING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 444-7771
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	12/28/2007

Site Id:	6077
Affiliation Type:	Emergency Contact
Company Name:	590 OCEAN LLC
Contact Type:	Not reported
Contact Name:	590 OCEAN LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 777-2060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	12/28/2007

Tank Info:

Tank Number:	001
Tank Id:	11326
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron

590 OCEAN AVE (Continued) **U003387147**

Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1939
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	12/28/2007

HIST AST:

PBS Number:	2-192740
SWIS Code:	6101
Operator:	MARIO ALEJANDRO
Facility Phone:	(718) 788-8955
Facility Addr2:	590 OCEAN AVE
Facility Type:	PRIVATE RESIDENCE
Emergency:	L. BENEDEK
Emergency Tel:	(718) 788-8955
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	OCEAN REALTY
Owner Address:	1663 8TH AVE
Owner City,St,Zip:	BROOKLYN, NY 11215
Federal ID:	Not reported
Owner Tel:	(718) 788-8955
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	OCEAN REALTY
Mailing Address:	1663 8TH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11215
Mailing Telephone:	(718) 788-8955
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/01/1997
Expiration:	07/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61

590 OCEAN AVE (Continued) **U003387147**

Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AJ142 **APARTMENT HOUSE** **AST** **U003389276**
WNW **455 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BKLYN, NY 11226**
0.204 mi.
1077 ft. **Site 3 of 3 in cluster AJ**

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-304921
Program Type:	PBS
UTM X:	587848.30403
UTM Y:	4500577.0617500003
Expiration Date:	2012/07/14

Affiliation Records:

Site Id:	13915
Affiliation Type:	Emergency Contact
Company Name:	PHIL MIL REALTY CORP
Contact Type:	Not reported
Contact Name:	LOUIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999

APARTMENT HOUSE (Continued) **U003389276**

Phone:	(718) 469-5713
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/28/2004

Site Id:	13915
Affiliation Type:	On-Site Operator
Company Name:	APARTMENT HOUSE
Contact Type:	Not reported
Contact Name:	LOUIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-5713
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/28/2004

Site Id:	13915
Affiliation Type:	Mail Contact
Company Name:	PHIL MIL REALTY CORP
Contact Type:	Not reported
Contact Name:	MILDRED ASHEN
Address1:	2315 AVE I
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 252-8319
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/28/2004

Site Id:	13915
Affiliation Type:	Owner
Company Name:	PHIL MIL REALTY CORP
Contact Type:	OWNER
Contact Name:	MILDRED ASHEN
Address1:	2315 AVE I
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 252-8319
Phone Ext:	Not reported
Email:	Not reported

APARTMENT HOUSE (Continued) **U003389276**

Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/28/2004

Tank Info:

Tank Number:	001
Tank Id:	16294
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/1961
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	4/30/2007

HIST AST:

PBS Number:	2-304921
SWIS Code:	6101
Operator:	PHILMIL REALTY CORP
Facility Phone:	(718) 252-8319
Facility Addr2:	455 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	P ASHEN
Emergency Tel:	(718) 252-8319
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	PHILMIL REALTY CORP
Owner Address:	2315 AVE I
Owner City,St,Zip:	BKLYN, NY 11210
Federal ID:	Not reported
Owner Tel:	(718) 252-8319
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	P. ASHEN
Mailing Name:	PHILMIL REALTY CORP
Mailing Address:	2315 AVE I
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11210
Mailing Telephone:	(718) 252-8319
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/10/1997
Expiration:	07/14/2002

APARTMENT HOUSE (Continued) **U003389276**

Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Aboveground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AK143 **G&G REALTY ASSOC** **AST** **U003389681**
NW **75 E 21ST ST** **HIST AST** **N/A**
1/8-1/4 **BKLYN, NY 11218**
0.206 mi.
1085 ft. **Site 3 of 4 in cluster AK**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-237043
Program Type:	PBS
UTM X:	587920.26454
UTM Y:	4500730.9294199999
Expiration Date:	2013/03/04

Affiliation Records:

G&G REALTY ASSOC (Continued) **U003389681**

Site Id:	8814
Affiliation Type:	On-Site Operator
Company Name:	75 EAST 21 STREET
Contact Type:	Not reported
Contact Name:	JOHN BLAIR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 859-0528
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8814
Affiliation Type:	Owner
Company Name:	75 EAST 21ST STREET LLC
Contact Type:	MEMBER
Contact Name:	JASON BLAIR
Address1:	2666 BEDFORD AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 859-0528
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	1/14/2008

Site Id:	8814
Affiliation Type:	Mail Contact
Company Name:	75 EAST 21ST STREET LLC
Contact Type:	Not reported
Contact Name:	JASON BLAIR
Address1:	2666 BEDFORD AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 859-0528
Phone Ext:	Not reported
Email:	JBPROPERTIESINC@HOTMAIL.COM
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	1/14/2008

Site Id:	8814
Affiliation Type:	Emergency Contact
Company Name:	75 EAST 21ST STREET LLC

G&G REALTY ASSOC (Continued) **U003389681**

Contact Type:	Not reported
Contact Name:	JOHN & MARIA BLAIR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 859-0528
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	17241
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/9/1958
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	kakyer
Last Modified:	1/14/2008

HIST AST:

PBS Number:	2-237043
SWIS Code:	6101
Operator:	EFRAIN GONZALEZ
Facility Phone:	(718) 941-9108
Facility Addr2:	75 E 21ST ST
Facility Type:	APARTMENT BUILDING
Emergency:	JOSEPH GUTMAN
Emergency Tel:	(718) 851-6259
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	G&G REALTY ASSOC
Owner Address:	4907 18TH AVE
Owner City,St,Zip:	BKLYN, NY 11204
Federal ID:	Not reported
Owner Tel:	(718) 851-6259
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	ROCHELLE GUTMAN
Mailing Name:	G&G REALTY ASSOC

G&G REALTY ASSOC (Continued) **U003389681**

Mailing Address:	4907 18TH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11204-0004
Mailing Telephone:	(718) 851-6259
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/11/1997
Expiration:	07/20/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND 10% OR MORE BELOW GROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AK144 **APARTMENT BUILDING - TTF** **LTANKS** **S110243954**
NW **75 EAST 21 STREET** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.206 mi.
1085 ft. **Site 4 of 4 in cluster AK**

Relative:
Higher

Actual:
54 ft.

LTANKS:

Site ID:	425463
Spill No:	0912566
Spill Date:	3/2/2010
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	3/2/2010
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	3/2/2010
Spill Record Last Update:	8/6/2010
Spiller Name:	Not reported
Spiller Company:	BUILDING OWNER
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	ABRAHAM WACSLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	374356
DEC Memo:	PBS 2-237043 Sangesland spoke to Abe Wacsler at NYC Tank Testing. After tank test failed, Abe said the owner told him they would pull the tank and convert to gas. He had no further information. TTF Letter sent to: Mr Jason Blair 75 East 21st St LLC 2666 Bedford Ave Brooklyn, NY 11210
Remarks:	TANK TEST FAILURE ON A 4000 GALLON SEMI-UNDERGROUND FUEL TANK.

Material:

Site ID:	425463
Operable Unit ID:	1181185
Operable Unit:	01
Material ID:	2175253
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported

APARTMENT BUILDING - TTF (Continued) **S110243954**

Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

AL145 **591 OCEAN REALTY L.L.C** **UST** **U003392101**
SW **591 OCEAN AVENUE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.207 mi.
1094 ft. **Site 2 of 3 in cluster AL**

Relative:
Equal

Actual:
48 ft.

UST:
Facility Id: 2-187135
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2012/10/15
UTM X: 587913.67492000002
UTM Y: 4500217.6734499997

Affiliation Records:
Site Id: 5585
Affiliation Type: Emergency Contact
Company Name: HIRSCH WOLF
Contact Type: Not reported
Contact Name: RENOIS EMANUEL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 826-1464
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 8/7/2007

Site Id: 5585
Affiliation Type: Mail Contact
Company Name: 591 OCEAN REALTY L.L.C.
Contact Type: Not reported
Contact Name: Not reported
Address1: 1491 CONEY ISLAND AVENUE

591 OCEAN REALTY L.L.C (Continued) **U003392101**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 692-0003
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	5585
Affiliation Type:	Owner
Company Name:	HIRSCH WOLF
Contact Type:	MANAGING AGENT
Contact Name:	MICHAEL MALEK
Address1:	1505 CONEY ISLAND AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 252-2800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/4/2007

Site Id:	5585
Affiliation Type:	On-Site Operator
Company Name:	591 OCEAN REALTY L.L.C
Contact Type:	Not reported
Contact Name:	RENOIS EMANUEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 826-1464
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	8/7/2007

Tank Info:

Site ID:	5585

Tank Number:	001
Tank ID:	23479
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1921

591 OCEAN REALTY L.L.C (Continued) **U003392101**

Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	1/23/2013
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	1/23/2008
Register:	True
Modified By:	bkfalvey
Last Modified:	2/6/2008

HIST UST:

PBS Number:	2-187135
SPDES Number:	Not reported
Emergency Contact:	RENOIS EMANUEL
Emergency Telephone:	(718) 941-8763
Operator:	RENOIS EMANUEL
Operator Telephone:	(718) 941-8763
Owner Name:	HIRSCH WOLF
Owner Address:	1505 CONEY ISLAND AVE
Owner City,St,Zip:	BROOKLYN, NY 11230
Owner Telephone:	(718) 252-2800
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	591 OCEAN REALTY L.L.C.
Mailing Address:	1491 CONEY ISLAND AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11230
Mailing Contact:	Not reported
Mailing Telephone:	(718) 692-0003
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	591 OCEAN AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/18/1998
Expiration Date:	10/15/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01

591 OCEAN REALTY L.L.C (Continued) **U003392101**

Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	08/01/1998
Next Test Date:	08/01/2003
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

AM146 **280 E 21 ST** **UST** **U004081941**
SSW **280 EAST 21ST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.209 mi.
1102 ft. **Site 1 of 3 in cluster AM**

Relative:
Lower

Actual:
43 ft.

UST:

Facility Id:	2-604139
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2013/04/22
UTM X:	588008.44256
UTM Y:	4500146.4262699997

Affiliation Records:

Site Id:	26020
Affiliation Type:	Owner
Company Name:	280 EAST 21 LLC
Contact Type:	ISRAEL WEINBERG
Contact Name:	280 EAST 21 LLC
Address1:	95-04 DELANCY STREET
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 777-2060
Phone Ext:	Not reported

280 E 21 ST (Continued) **U004081941**

Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	4/22/2008

Site Id:	26020
Affiliation Type:	Mail Contact
Company Name:	280 EAST 21 LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	95-04 DELANCY STREET
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10002
Country Code:	001
Phone:	(212) 777-2060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	4/22/2008

Site Id:	26020
Affiliation Type:	On-Site Operator
Company Name:	280 E 21 ST
Contact Type:	Not reported
Contact Name:	BROOKLYN HEATING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 444-7771
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	4/22/2008

Site Id:	26020
Affiliation Type:	Emergency Contact
Company Name:	280 EAST 21 LLC
Contact Type:	Not reported
Contact Name:	280 EAST 21 LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 777-2060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis

280 E 21 ST (Continued) **U004081941**

Date Last Modified: 4/22/2008

Tank Info:

Site ID:	26020
Tank Number:	01
Tank ID:	56796
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/1980
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

AM147 **280 REALTY CO., L.P.** **LTANKS** **U003652118**
SSW **280 EAST 21ST STREET** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.209 mi.
1102 ft. **Site 2 of 3 in cluster AM**

Relative:
Lower

Actual:
43 ft.

LTANKS:

Site ID:	388800
Spill No:	0707987
Spill Date:	10/22/2007
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	10/22/2007
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	10/22/2007
Spill Record Last Update:	4/8/2010
Spiller Name:	BROKER- ALEX FREEDMAN
Spiller Company:	APART
Spiller Address:	280 EAST 21ST STREET
Spiller City,St,Zip:	BROOKLYN, NY

280 REALTY CO., L.P. (Continued) **U003652118**

Spiller County:	001
Spiller Contact:	BROKER- ALEX FREEDMAN
Spiller Phone:	(845) 323-5008
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	304793
DEC Memo:	10/26/07 Sent ttf letter to: Sam Kairy Renaissance Realty Group 1946 Coney Island Avenue Brooklyn, NY 11223 Called Alex Freedman (contact on spill report) and left message to call me. Ph.:(845)323-5008. He called me back and told me that he recommended for that the owner do a tightness test. He is consultant doing a Phase I. He was unaware of the failure. Called Sam Cairy of 280 Realty Co. (718)376-5400. No answer. bf 5/22/2008 - Sangesland found a new address for a new owner (from new PBS application) 2nd notice letter was sent to: 280 East 21 LLC 95-04 Delancy St. NY, NY 10002 5/27/08 Received message from Sherry to call back. (212)777-2060. bf 5/29/08 called Sherry back. She wanted to know what her next step is and that the ownership changed, so they never received the initial letter. Spill file has signed certified mail return card. I explained that they need to produce letter from third party explaining repairs and clean-up if any. I told her if third party or super have any questions, they can call me. Received message from Charlie Krauss (owner/manager) office:(718)279-2000. cell: (917)295-0572. Took over property on 10/30 and will forward passing tightness test. bf 5/30/08 Left message on machine for C. Krauss. bf 6/23/08 received message from Charlie Krauss. (917)295-0572. 4/8/10 bf: sent ttf letter to: Attn: Charlie Krauss 280 east 21 LLC 95-04 Delancy St. New York, NY 10002 6/24/08 Called Charlie Krauss. Left message on voicemail. bf
Remarks:	Not reported

Material:

Site ID:	388800
Operable Unit ID:	1145957
Operable Unit:	01
Material ID:	2136301
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	388800
Spill Tank Test:	1815666
Tank Number:	1
Tank Size:	4000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	10/22/2007
Test Method:	Horner EZ Check I or II

280 REALTY CO., L.P. (Continued) **U003652118**

HIST UST:

PBS Number:	2-604139
SPDES Number:	Not reported
Emergency Contact:	POSITIVE DESIGN HEATING
Emergency Telephone:	(718) 629-4000
Operator:	OMAR GONZALES
Operator Telephone:	(718) 282-7822
Owner Name:	280 REALTY CO., L.P.
Owner Address:	P.O. BOX 180451
Owner City,St,Zip:	BROOKLYN, NY 11218
Owner Telephone:	(718) 437-0404
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	280 REALTY CO., L.P.
Mailing Address:	P.O. BOX 180451
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11218
Mailing Contact:	STEVE LUBIN
Mailing Telephone:	(718) 437-0404
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	A.K.A. 2019-2025 ALBERMARLE ROAD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/02/1999
Expiration Date:	06/28/2004
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	01
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	19800601
Capacity (gals):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating

280 REALTY CO., L.P. (Continued) **U003652118**

Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AM148 **PRIVATE HOME** **LTANKS** **S107417130**
SSW **280 EAST 21ST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.209 mi.
1102 ft. **Site 3 of 3 in cluster AM**

Relative:
Lower

Actual:
43 ft.

LTANKS:

Site ID:	354780
Spill No:	0509060
Spill Date:	10/28/2005
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/2/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	10/28/2005
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/28/2005
Spill Record Last Update:	11/2/2005
Spiller Name:	RAY LARA
Spiller Company:	PRIVATE HOME
Spiller Address:	280 EAST 21ST STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	RAY LARA
Spiller Phone:	(718) 624-4842
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	304793

PRIVATE HOME (Continued) **S107417130**

DEC Memo: small spill - 1/2 drum of used drysol closed
Remarks: IS IT OUTSIDE AND A SMALL AREA OUTSIDE ON CEMENT: ENROUTE TO CLEAN UP; Not reported

Material:
Site ID: 354780
Operable Unit ID: 1112170
Operable Unit: 01
Material ID: 2102212
Material Code: 0002
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

AN149 **PIERRE'S/M&M DRY CLEANING & TAILORING** **DRYCLEANERS** **S110247622**
West **1932 CHURCH AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.214 mi.
1127 ft. **Site 1 of 4 in cluster AN**

Relative:
Higher

Actual:
53 ft.

DRYCLEANERS:
Facility ID: 2-6104-01060
Owner: Not reported
Phone Number: Not reported
Region: 2
Registration Effective Date: N/A
Inspection Date: 08MAY19
Drop Shop: Y
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: DROP SHOP

AN150 West 1/8-1/4 0.214 mi. 1127 ft. | **M & M FRENCH CLEANERS 1932 CHURCH AVE BROOKLYN, NY 11226** | **RCRA-NonGen MANIFEST** | **1004758435 NYD987001096**

Site 2 of 4 in cluster AN

Relative: Higher

Actual: 53 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	M & M FRENCH CLEANERS
Facility address:	1932 CHURCH AVE BROOKLYN, NY 11226
EPA ID:	NYD987001096
Mailing address:	CHURCH AVE BROOKLYN, NY 11226
Contact:	ROSE MARIE MILLIEN
Contact address:	CHURCH AVE BROOKLYN, NY 11226
Contact country:	US
Contact telephone:	(718) 284-7655
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	M & M FRENCH CLEANERS
Owner/operator address:	1932 CHURCH AVE BROOKLYN, NY 11226
Owner/operator country:	US
Owner/operator telephone:	(718) 284-7655
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Owner/operator name:	M & M FRENCH CLEANERS
Owner/operator address:	1932 CHURCH AVE BROOKLYN, NY 11226
Owner/operator country:	US
Owner/operator telephone:	(718) 284-7655
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

M & M FRENCH CLEANERS (Continued) **1004758435**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: M & M FRENCH CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/07/2004
Facility name: M & M FRENCH CLEANERS
Classification: Not a generator, verified

Date form received by agency: 03/29/1996
Facility name: M & M FRENCH CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYD987001096
Country: USA
Mailing Name: O & C CLNRS
Mailing Contact: O & C CLNRS
Mailing Address: 1932 CHURCH AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11226
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-287-0676

Document ID: NYC1931949
Manifest Status: Completed copy
Trans1 State ID: AM6252NY
Trans2 State ID: Not reported
Generator Ship Date: 921110
Trans1 Recv Date: 921110
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921110
Part A Recv Date: Not reported
Part B Recv Date: 921120
Generator EPA ID: NYD987001096
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

M & M FRENCH CLEANERS (Continued) **1004758435**

Year: 92

Document ID: NYC1723656
Manifest Status: Completed copy
Trans1 State ID: AM6252NY
Trans2 State ID: Not reported
Generator Ship Date: 920630
Trans1 Recv Date: 920630
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920630
Part A Recv Date: Not reported
Part B Recv Date: 920708
Generator EPA ID: NYD987001096
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC4786042
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: GF2859NY
Trans2 State ID: M0001
Generator Ship Date: 970703
Trans1 Recv Date: 970703
Trans2 Recv Date: 970708
TSD Site Recv Date: 970709
Part A Recv Date: Not reported
Part B Recv Date: 970805
Generator EPA ID: NYD987001096
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: MOD095038998
TSDF ID: OHD980587364
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYC4672045
Manifest Status: Completed copy
Trans1 State ID: GR2859NY
Trans2 State ID: 32113OR
Generator Ship Date: 970310
Trans1 Recv Date: 970310

M & M FRENCH CLEANERS (Continued) **1004758435**

Trans2 Recv Date:	970317
TSD Site Recv Date:	970318
Part A Recv Date:	Not reported
Part B Recv Date:	970327
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	MOD095038998
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYC6558816
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	09/20/2001
Trans1 Recv Date:	09/20/2001
Trans2 Recv Date:	09/27/2001
TSD Site Recv Date:	09/27/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYCJE4744
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

Document ID:	NYC6420958
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	Not reported
Generator Ship Date:	04/11/2001
Trans1 Recv Date:	04/11/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/19/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

M & M FRENCH CLEANERS (Continued) **1004758435**

Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

Document ID:	NYC6521973
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	06/27/2001
Trans1 Recv Date:	06/27/2001
Trans2 Recv Date:	06/29/2001
TSD Site Recv Date:	07/05/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00133
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

Document ID:	NYC6617733
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	12/14/2001
Trans1 Recv Date:	12/14/2001
Trans2 Recv Date:	12/21/2001
TSD Site Recv Date:	12/27/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	GE7532NY
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00133
Units:	P - Pounds

M & M FRENCH CLEANERS (Continued) **1004758435**

Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

Document ID:	NYC2046644
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	921207
Trans1 Recv Date:	921207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921207
Part A Recv Date:	Not reported
Part B Recv Date:	921217
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1981822
Manifest Status:	Completed copy
Trans1 State ID:	HW8207NY
Trans2 State ID:	Not reported
Generator Ship Date:	920924
Trans1 Recv Date:	920924
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920924
Part A Recv Date:	Not reported
Part B Recv Date:	921005
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)

M & M FRENCH CLEANERS (Continued) **1004758435**

Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1799098
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	920818
Trans1 Recv Date:	920818
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920818
Part A Recv Date:	Not reported
Part B Recv Date:	920827
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC4548148
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	JE4550NY
Trans2 State ID:	MO001
Generator Ship Date:	971022
Trans1 Recv Date:	971022
Trans2 Recv Date:	971030
TSD Site Recv Date:	971031
Part A Recv Date:	Not reported
Part B Recv Date:	971202
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	MOD095038998
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYC4979248
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	Not reported

M & M FRENCH CLEANERS (Continued) **1004758435**

Generator Ship Date:	02/12/1998
Trans1 Recv Date:	02/12/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/20/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NYC6807025
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	05/28/2002
Trans1 Recv Date:	05/28/2002
Trans2 Recv Date:	05/31/2002
TSD Site Recv Date:	05/31/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	94889JENY
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	02

Document ID:	NYC6918941
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	11/12/2002
Trans1 Recv Date:	11/12/2002

M & M FRENCH CLEANERS (Continued) **1004758435**

Trans2 Recv Date:	11/15/2002
TSD Site Recv Date:	11/18/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NY94885JE
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	02

Document ID:	NYC5307197
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	MOD095038998
Generator Ship Date:	06/29/1998
Trans1 Recv Date:	06/29/1998
Trans2 Recv Date:	07/07/1998
TSD Site Recv Date:	07/08/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NYC4991220
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	MOD095038998
Generator Ship Date:	04/08/1998
Trans1 Recv Date:	04/08/1998
Trans2 Recv Date:	04/16/1998
TSD Site Recv Date:	04/17/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

M & M FRENCH CLEANERS (Continued) **1004758435**

Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NYC5397761
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCD987574647
Generator Ship Date:	09/23/1998
Trans1 Recv Date:	09/23/1998
Trans2 Recv Date:	09/29/1998
TSD Site Recv Date:	10/02/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NYC6748086
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	08/30/2002
Trans1 Recv Date:	08/30/2002
Trans2 Recv Date:	09/06/2002
TSD Site Recv Date:	09/06/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF1411
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00125
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	02

M & M FRENCH CLEANERS (Continued) **1004758435**

Document ID:	NYC3021726
Manifest Status:	Completed copy
Trans1 State ID:	JE4550NY
Trans2 State ID:	Not reported
Generator Ship Date:	940511
Trans1 Recv Date:	940511
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940511
Part A Recv Date:	Not reported
Part B Recv Date:	940519
Generator EPA ID:	NYD987001096
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00135
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Click this hyperlink while viewing on your computer to access
17 additional NY_MANIFEST: record(s) in the EDR Site Report.

AL151 **600 OCEAN REALTY CORP.** **UST** **U004061771**
SW **600 OCEAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.214 mi.
1130 ft. **Site 3 of 3 in cluster AL**

Relative:
Equal

Actual:
48 ft.

UST:

Facility Id:	2-610324
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	587869.23693999997
UTM Y:	4500220.7125599999

Affiliation Records:

Site Id:	369879
Affiliation Type:	Emergency Contact
Company Name:	600 OCEAN REALTY CORP.
Contact Type:	Not reported
Contact Name:	MIKE BLUTH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 851-4829
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

600 OCEAN REALTY CORP. (Continued) **U004061771**

Modified By:	KXTANG
Date Last Modified:	9/7/2006

Site Id:	369879
Affiliation Type:	Mail Contact
Company Name:	600 OCEAN REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	MIKE BLUTH
Address1:	4309 13TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 851-4829
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/7/2006

Site Id:	369879
Affiliation Type:	Owner
Company Name:	600 OCEAN REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	MIKE BLUTH
Address1:	4309 13TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 851-4829
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/7/2006

Site Id:	369879
Affiliation Type:	On-Site Operator
Company Name:	600 OCEAN REALTY CORP.
Contact Type:	Not reported
Contact Name:	COFFEE WILBERT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	3472) 676-332
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/7/2006

600 OCEAN REALTY CORP. (Continued) **U004061771**

Tank Info:

Site ID:	369879
Tank Number:	001
Tank ID:	213406
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/1/2006
Capacity Gallons:	4000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	3/1/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	9/8/2006

AO152 **PROSPECT 446, LLC** **AST** **A100304582**
WNW **446 OCEAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.215 mi.
1137 ft. **Site 1 of 4 in cluster AO**

Relative:
Higher

Actual:
52 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-253731
Program Type:	PBS
UTM X:	587843.79584999999
UTM Y:	4500606.2561299996
Expiration Date:	2011/12/20

Affiliation Records:

Site Id:	10287
Affiliation Type:	Owner
Company Name:	PROSPECT 446,LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	108-18 QUEENS BLVD SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/13/2007

Site Id:	10287
Affiliation Type:	On-Site Operator
Company Name:	PROSPECT 446, LLC

PROSPECT 446, LLC (Continued) **A100304582**

Contact Type:	Not reported
Contact Name:	SHAWN WHITE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 967-8171
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/13/2007

Site Id:	10287
Affiliation Type:	Mail Contact
Company Name:	BRONSTEIN PROPERTIES, LLC
Contact Type:	Not reported
Contact Name:	PROSPECT 446, LLC
Address1:	108-18 QUEENS BOULEVARD
Address2:	SUITE 302
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/13/2007

Site Id:	10287
Affiliation Type:	Emergency Contact
Company Name:	PROSPECT 446,LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/13/2007

Tank Info:

Tank Number:	001
Tank Id:	14256
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron

PROSPECT 446, LLC (Continued) **A100304582**

Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1944
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	6/13/2007

AP153 **601 OCEAN AVE** **AST** **U003384497**
SW **601 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.217 mi.
1146 ft. **Site 1 of 5 in cluster AP**

Relative:
Lower

Actual:
47 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-107662
Program Type:	PBS
UTM X:	587919.13610999996
UTM Y:	4500191.3517000005
Expiration Date:	2012/03/10

Affiliation Records:

Site Id:	3134
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	GEORGE POULAKAS
Address1:	18-26 21ST DRIVE
Address2:	Not reported
City:	ASTORIA
State:	NY
Zip Code:	11105
Country Code:	001
Phone:	(718) 204-1717
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/31/2007

Site Id:	3134
Affiliation Type:	Owner
Company Name:	GEORGE POULAKAS
Contact Type:	OWNER
Contact Name:	GEORGE POULAKAS
Address1:	18-26 21ST DRIVE
Address2:	Not reported
City:	ASTORIA
State:	NY
Zip Code:	11105

601 OCEAN AVE (Continued) **U003384497**

Country Code:	001
Phone:	(718) 204-1717
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	1/31/2007

Site Id:	3134
Affiliation Type:	On-Site Operator
Company Name:	601 OCEAN AVE
Contact Type:	Not reported
Contact Name:	M JULIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 282-4063
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	3134
Affiliation Type:	Emergency Contact
Company Name:	VASILIOS POULAKOS
Contact Type:	Not reported
Contact Name:	STUYVESANT FUEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 478-1000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	3862
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1971
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported

601 OCEAN AVE (Continued) **U003384497**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	1/31/2007

HIST AST:

PBS Number:	2-107662
SWIS Code:	6101
Operator:	M JULIO
Facility Phone:	(718) 282-4063
Facility Addr2:	601 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	SMILE OIL CO
Emergency Tel:	(718) 388-1141
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	VASILIOS POULAKOS
Owner Address:	18-26 21ST DRIVE
Owner City,St,Zip:	ASTORIA, NY 11105
Federal ID:	Not reported
Owner Tel:	(718) 204-1717
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	VASILIOS POULAKOS
Mailing Address:	18-26 21ST DRIVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ASTORIA, NY 11105
Mailing Telephone:	(718) 204-1717
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/16/1997
Expiration:	03/10/2002
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported

601 OCEAN AVE (Continued) **U003384497**

Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Not reported
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

154
SSW
1/8-1/4
0.218 mi.
1149 ft.

2114 REALTY L.L.C.
2114 ALBEMARLE ROAD
BROOKLYN, NY 11226

AST **U003389629**
HIST AST **N/A**

Relative:
Lower

Actual:
42 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-204803
Program Type:	PBS
UTM X:	588045.59713999997
UTM Y:	4500107.5987499999
Expiration Date:	2012/07/20

Affiliation Records:

Site Id:	7137
Affiliation Type:	Emergency Contact
Company Name:	2114 REALTY, L.L.C.
Contact Type:	Not reported
Contact Name:	WOLF SICHERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 851-4441
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

2114 REALTY L.L.C. (Continued) **U003389629**

Site Id:	7137
Affiliation Type:	Owner
Company Name:	2114 REALTY, L.L.C.
Contact Type:	MEMBER
Contact Name:	WOLF SICHERMAN
Address1:	1451 52ND STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 851-4441
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/20/2007

Site Id:	7137
Affiliation Type:	On-Site Operator
Company Name:	2114 REALTY L.L.C.
Contact Type:	Not reported
Contact Name:	JOSE LOPEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 462-2960
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/20/2007

Site Id:	7137
Affiliation Type:	Mail Contact
Company Name:	2114 REALTY, L.L.C.
Contact Type:	MEMBER
Contact Name:	WOLF SICHERMAN
Address1:	1451 52ND STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 851-4441
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/20/2007

Tank Info:

Tank Number:	001

2114 REALTY L.L.C. (Continued) **U003389629**

Tank Id:	17068
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/13/1985
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	4/20/2007

HIST AST:

PBS Number:	2-204803
SWIS Code:	6101
Operator:	JAVIER DOMINGUEZ
Facility Phone:	(718) 693-8781
Facility Addr2:	2114 ALBEMARLE ROAD
Facility Type:	APARTMENT BUILDING
Emergency:	WOLF SICHERMAN
Emergency Tel:	(718) 851-4441
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	2114 REALTY, L.L.C.
Owner Address:	1451 52ND STREET
Owner City,St,Zip:	BROOKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 851-4441
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	WOLF SICHERMAN
Mailing Name:	2114 REALTY, L.L.C.
Mailing Address:	1451 52ND STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11219
Mailing Telephone:	(718) 851-4441
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/25/1997
Expiration:	07/20/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False

2114 REALTY L.L.C. (Continued) **U003389629**

CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	4
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AN155 **MR LEE CLEANERS** **RCRA-CESQG** **1000122131**
West **1925 CHURCH AVE** **FINDS** **NYD981083876**
1/8-1/4 **BROOKLYN, NY 11226** **MANIFEST**
0.219 mi.
1157 ft. **Site 3 of 4 in cluster AN**

Relative:
Higher

Actual:
53 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	MR LEE CLEANERS
Facility address:	1925 CHURCH AVE BROOKLYN, NY 11226
EPA ID:	NYD981083876
Mailing address:	CHURCH AVE BROOKLYN, NY 11226
Contact:	YUNG HO PARK
Contact address:	CHURCH AVE BROOKLYN, NY 11226
Contact country:	US
Contact telephone:	(718) 287-1709
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar

MR LEE CLEANERS (Continued) **1000122131**

month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	KAY GEE CHIN
Owner/operator address:	15 E 18TH ST BROOKLYN, NY 11226
Owner/operator country:	US
Owner/operator telephone:	(212) 210-6763
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	KAY GEE CHIN
Owner/operator address:	15 E 18TH ST BROOKLYN, NY 11226
Owner/operator country:	US
Owner/operator telephone:	(212) 210-6763
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	MR LEE CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator

MR LEE CLEANERS (Continued) **1000122131**

Date form received by agency: 10/05/1994
Facility name: MR LEE CLEANERS
Classification: Small Quantity Generator

Date form received by agency: 10/29/1993
Facility name: MR LEE CLEANERS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009471570

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

NY MANIFEST:
EPA ID: NYD981083876
Country: USA
Mailing Name: MR LEE CLNRS
Mailing Contact: MR LEE CLNRS
Mailing Address: 1925 CHURCH AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11226
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-287-1709

Document ID: NYA6645227
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYDMP4503

MR LEE CLEANERS (Continued) **1000122131**

Trans2 State ID:	Not reported
Generator Ship Date:	870413
Trans1 Recv Date:	870413
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870413
Part A Recv Date:	870603
Part B Recv Date:	870422
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00240
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	87

Document ID:	NYA6653856
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	AM6252
Trans2 State ID:	Not reported
Generator Ship Date:	870515
Trans1 Recv Date:	870515
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870515
Part A Recv Date:	870707
Part B Recv Date:	870527
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00280
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	87

Document ID:	NYC1937338
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	921109
Trans1 Recv Date:	921109
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921109
Part A Recv Date:	921120
Part B Recv Date:	921117
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD051060408

MR LEE CLEANERS (Continued) **1000122131**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1714397
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	920630
Trans1 Recv Date:	920630
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920630
Part A Recv Date:	920731
Part B Recv Date:	920708
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1475998
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	920210
Trans1 Recv Date:	920210
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920210
Part A Recv Date:	Not reported
Part B Recv Date:	920221
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760

MR LEE CLEANERS (Continued) **1000122131**

Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC2046497
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	921207
Trans1 Recv Date:	921207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921207
Part A Recv Date:	930316
Part B Recv Date:	921217
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00180
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC6375317
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	03/09/2001
Trans1 Recv Date:	03/09/2001
Trans2 Recv Date:	03/13/2001
TSD Site Recv Date:	03/16/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

MR LEE CLEANERS (Continued) **1000122131**

Document ID:	NYC6481732
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	MOD095038998
Generator Ship Date:	05/03/2001
Trans1 Recv Date:	05/03/2001
Trans2 Recv Date:	05/11/2001
TSD Site Recv Date:	05/11/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

Document ID:	NYC6344471
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	01/10/2001
Trans1 Recv Date:	01/10/2001
Trans2 Recv Date:	01/12/2001
TSD Site Recv Date:	01/18/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

Document ID:	NYC6573712
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	09/20/2001
Trans1 Recv Date:	09/20/2001
Trans2 Recv Date:	09/27/2001
TSD Site Recv Date:	09/27/2001
Part A Recv Date:	Not reported

MR LEE CLEANERS (Continued) **1000122131**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYJE4744
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

Document ID:	NYC6578583
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	07/26/2001
Trans1 Recv Date:	07/26/2001
Trans2 Recv Date:	08/02/2001
TSD Site Recv Date:	08/02/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGF2859
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01

Document ID:	NYC6540772
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	11/14/2001
Trans1 Recv Date:	11/14/2001
Trans2 Recv Date:	11/16/2001
TSD Site Recv Date:	11/20/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	GF2859NY
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001

MR LEE CLEANERS (Continued) **1000122131**

Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 01

Document ID: NYA6466482
Manifest Status: Completed copy
Trans1 State ID: IL009
Trans2 State ID: Not reported
Generator Ship Date: 870313
Trans1 Recv Date: 870313
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870313
Part A Recv Date: 870331
Part B Recv Date: 870401
Generator EPA ID: NYD981083876
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00105
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYC1798931
Manifest Status: Completed copy
Trans1 State ID: AM6252NY
Trans2 State ID: Not reported
Generator Ship Date: 920818
Trans1 Recv Date: 920818
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920818
Part A Recv Date: 920901
Part B Recv Date: 920827
Generator EPA ID: NYD981083876
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00120
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC4548137
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: JE4550NY

MR LEE CLEANERS (Continued) **1000122131**

Trans2 State ID:	MO001
Generator Ship Date:	971022
Trans1 Recv Date:	971022
Trans2 Recv Date:	971030
TSD Site Recv Date:	971031
Part A Recv Date:	971112
Part B Recv Date:	971202
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	MOD095038998
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	2009-02-26
Trans1 Recv Date:	2009-02-26
Trans2 Recv Date:	2009-02-27
TSD Site Recv Date:	2009-02-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	260.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	09
Manifest Tracking Num:	004562282JJK
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

MR LEE CLEANERS (Continued) **1000122131**

Document ID:	NYA6466833
Manifest Status:	Completed copy
Trans1 State ID:	IL009
Trans2 State ID:	Not reported
Generator Ship Date:	870219
Trans1 Recv Date:	870219
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870219
Part A Recv Date:	870306
Part B Recv Date:	870306
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00160
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	87

Document ID:	NYA9042006
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	LP3931
Trans2 State ID:	Not reported
Generator Ship Date:	880928
Trans1 Recv Date:	880928
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880928
Part A Recv Date:	881115
Part B Recv Date:	881004
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	Not reported
Generator Ship Date:	2007-08-16
Trans1 Recv Date:	2007-08-16
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-08-17
Part A Recv Date:	Not reported

MR LEE CLEANERS (Continued) **1000122131**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	260.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	07
Manifest Tracking Num:	003366094JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	Not reported
Generator Ship Date:	2007-08-16
Trans1 Recv Date:	2007-08-16
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-08-17
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981083876
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	07
Manifest Tracking Num:	003366094JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

MR LEE CLEANERS (Continued) **1000122131**

Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Click this hyperlink while viewing on your computer to access
131 additional NY_MANIFEST: record(s) in the EDR Site Report.

AN156 **MR LEE/PJC DRY CLEANERS** **DRYCLEANERS** **S110247349**
West **1925 CHURCH AVE.** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.219 mi.
1157 ft. **Site 4 of 4 in cluster AN**

Relative:
Higher

Actual:
53 ft.

DRYCLEANERS:
Facility ID: 2-6104-01136
Owner: Not reported
Phone Number: Not reported
Region: 2
Registration Effective Date: 10/3/2001 10:37:04:71
Inspection Date: 07MAY21
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: PERC DRY CLEANER

AO157 **CATON PROPERTIES LLC** **AST** **A100350466**
NW **2017-2023 CATON AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.222 mi.
1171 ft. **Site 2 of 4 in cluster AO**

Relative:
Higher

Actual:
52 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-611351
Program Type: PBS
UTM X: 587818.94851999998
UTM Y: 4500678.1236399999
Expiration Date: 2015/04/19

Affiliation Records:
Site Id: 435028
Affiliation Type: Owner
Company Name: CATON PROPERTIES LLC
Contact Type: AGENT
Contact Name: MOSES BERROWITS
Address1: 199 LEE AVE SUITE 162
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 302-8383
Phone Ext: Not reported
Email: Not reported

CATON PROPERTIES LLC (Continued) **A100350466**

Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/20/2010

Site Id:	435028
Affiliation Type:	Mail Contact
Company Name:	CATON PROPERTIES LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	199 LEE AVE SUITE 162
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 302-8383
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/20/2010

Site Id:	435028
Affiliation Type:	On-Site Operator
Company Name:	CATON PROPERTIES LLC
Contact Type:	Not reported
Contact Name:	RAMON ZAYAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 578-5319
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/20/2010

Site Id:	435028
Affiliation Type:	Emergency Contact
Company Name:	CATON PROPERTIES LLC
Contact Type:	Not reported
Contact Name:	ABE ERIE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 731-0938
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/20/2010

CATON PROPERTIES LLC (Continued) **A100350466**

Tank Info:

Tank Number:	001
Tank Id:	234409
Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/15/1991
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	5/20/2010

158
North
1/8-1/4
0.225 mi.
1188 ft.

ALBA REALTY CORPORATION **AST** **U003383721**
32 LENOX ROAD **HIST AST** **N/A**
BROOKLYN, NY 11226

Relative:
Higher

Actual:
56 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-061239
Program Type:	PBS
UTM X:	588097.72326
UTM Y:	4500796.0376000004
Expiration Date:	2012/03/10

Affiliation Records:

Site Id:	1069
Affiliation Type:	Owner
Company Name:	HERBERT AND ALBA MEDINA
Contact Type:	PRESIDENT
Contact Name:	ALBA MEDINA
Address1:	2302 NATIONAL DRIVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(347) 673-8127
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/3/2010

Site Id:	1069
Affiliation Type:	Mail Contact
Company Name:	HERBERT AND ALBA MEDINA
Contact Type:	Not reported

ALBA REALTY CORPORATION (Continued) **U003383721**

Contact Name:	VICE PRESIDENT
Address1:	3005 AVENUE N
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 258-0414
Phone Ext:	Not reported
Email:	OSSAT1@OPTONLINE.NET
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/3/2010

Site Id:	1069
Affiliation Type:	On-Site Operator
Company Name:	ALBA REALTY CORPORATION
Contact Type:	Not reported
Contact Name:	DANIEL RODRIGUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 642-7919
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/3/2010

Site Id:	1069
Affiliation Type:	Emergency Contact
Company Name:	HERBERT AND ALBA MEDINA
Contact Type:	Not reported
Contact Name:	HERBERT MEDINA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 258-0414
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	2112
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service

ALBA REALTY CORPORATION (Continued) **U003383721**

Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1961
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/3/2010

HIST AST:

PBS Number:	2-061239
SWIS Code:	6101
Operator:	DERRICK MALACHI
Facility Phone:	(917) 642-7919
Facility Addr2:	32 LENOX ROAD
Facility Type:	APARTMENT BUILDING
Emergency:	HERBERT MEDINA
Emergency Tel:	(718) 258-0414
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	HERBERT AND ALBA MEDINA
Owner Address:	2302 NATIONAL DRIVE
Owner City,St,Zip:	BROOKLYN, NY 11226
Federal ID:	Not reported
Owner Tel:	(718) 531-6282
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	VICE PRESIDENT
Mailing Name:	HERBERT AND ALBA MEDINA
Mailing Address:	3005 AVENUE N
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11210
Mailing Telephone:	(718) 258-0414
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/30/2001
Expiration:	03/10/2007
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01

ALBA REALTY CORPORATION (Continued) **U003383721**

Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AO159 **CONSOLIDATED EDISON** **MANIFEST** **1009243798**
WNW **CATON & OCEAN** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.225 mi.
1189 ft. **Site 3 of 4 in cluster AO**

Relative:
Higher

Actual:
51 ft.

NY MANIFEST:

EPA ID:	NYP004133815
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0624015
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	07/23/2005
Trans1 Recv Date:	07/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/25/2005

CONSOLIDATED EDISON (Continued) **1009243798**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004133815
Trans1 EPA ID:	46233JM
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00392
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NYE1306863
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	07/23/2005
Trans1 Recv Date:	07/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/25/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004133815
Trans1 EPA ID:	69526JR
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00131
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00204
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	NYE0624015
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359

CONSOLIDATED EDISON (Continued) **1009243798**

Trans2 State ID:	Not reported
Generator Ship Date:	07/23/2005
Trans1 Recv Date:	07/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/25/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004133815
Trans1 EPA ID:	46233JM
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00392
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2005

Document ID:	NYE1306863
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	07/23/2005
Trans1 Recv Date:	07/23/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/25/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004133815
Trans1 EPA ID:	69526JR
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00131
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00204
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	Not reported
Year:	2005

AQ160 **55 LENOX RD** **LTANKS** **S102671772**
North **55 LENOX RD** **HIST LTANKS** **N/A**
1/8-1/4 **BKLYN, NY**
0.225 mi.
1189 ft. **Site 1 of 5 in cluster AQ**

Relative:
Higher

Actual:
56 ft.

LTANKS:

Site ID:	201831
Spill No:	9109144
Spill Date:	11/12/1991
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	11/26/1991
Facility Addr2:	Not reported
Cleanup Ceased:	11/26/1991
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	11/26/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/3/1991
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	MYSTIC TRANSPORT CO?
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	167931
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG" / / : REFERRED TO ECO'S.
Remarks:	SAND APPLIED

Material:

Site ID:	201831
Operable Unit ID:	959315
Operable Unit:	01
Material ID:	417796
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

55 LENOX RD (Continued) **S102671772**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9109144
Spill Date:	11/12/1991
Spill Time:	12:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	11/26/91
Cleanup Ceased:	11/26/91
Cleanup Meets Standard:	True
Investigator:	TANG
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	11/26/91
Reported to Department Time:	13:37
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	MYSTIC TRANSPORT CO?
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Citizen
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

Date Region Sent Summary to Central Office: / /

55 LENOX RD (Continued) **S102671772**

Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/03/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: / / : REFERRED TO ECO S.
Spill Cause: SAND APPLIED

AQ161 **LENBED REALTY** **AST** **U003390975**
North **50 LENOX RD** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.225 mi.
1189 ft. **Site 2 of 5 in cluster AQ**

Relative:
Higher

Actual:
56 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-359912
Program Type: PBS
UTM X: 588147.13607999997
UTM Y: 4500799.6067899996
Expiration Date: 2012/08/28

Affiliation Records:
Site Id: 18112
Affiliation Type: On-Site Operator
Company Name: LENBED REALTY
Contact Type: Not reported
Contact Name: HERNON ACOSTA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 871-8500

LENBED REALTY (Continued) **U003390975**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/21/2007

Site Id:	18112
Affiliation Type:	Emergency Contact
Company Name:	LENBED REALTY
Contact Type:	Not reported
Contact Name:	LENBED REALTY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 871-8500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/21/2007

Site Id:	18112
Affiliation Type:	Owner
Company Name:	LENBED REALTY
Contact Type:	MANAGING AGENT
Contact Name:	SAM FARKAS
Address1:	5414 NEW UTRECHT AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 871-8500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/21/2007

Site Id:	18112
Affiliation Type:	Mail Contact
Company Name:	LENBED REALTY
Contact Type:	Not reported
Contact Name:	LENBED REALTY
Address1:	5414 NEW UTRECHT AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 871-8500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

LENBED REALTY (Continued) **U003390975**

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 20523
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/1937
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DXLIVING
Last Modified: 6/21/2007

HIST AST:
PBS Number: 2-359912
SWIS Code: 6101
Operator: RAYMOND LOPEZ
Facility Phone: (718) 287-1025
Facility Addr2: 50 LENOX RD
Facility Type: APARTMENT BUILDING
Emergency: LENBED REALTY
Emergency Tel: (718) 871-8500
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: LENBED REALTY
Owner Address: 5414 NEW UTRECHT AVE
Owner City,St,Zip: BROOKLYN, NY 11219
Federal ID: Not reported
Owner Tel: (718) 871-8500
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: LENBED REALTY
Mailing Name: LENBED REALTY
Mailing Address: 5414 NEW UTRECHT AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11219
Mailing Telephone: (718) 871-8500
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag: False
Certification Date: 08/26/1997
Expiration: 08/28/2002
Renew Flag: False

LENBED REALTY (Continued) **U003390975**

Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	Diking
Leak Detection:	4
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AO162 **CON EDISON** **RCRA-CESQG** **1012185456**
WNW **OCEAN AVE & CATON AVE** **NYP004162632**
1/8-1/4 **BROOKLYN, NY 11204**
0.226 mi.
1193 ft. **Site 4 of 4 in cluster AO**

Relative:
Higher

Actual:
51 ft.

RCRA-CESQG:

Date form received by agency:	11/20/2008
Facility name:	CON EDISON
Facility address:	OCEAN AVE & CATON AVE BROOKLYN, NY 11204
EPA ID:	NYP004162632
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	DAVID DUKE
Contact address:	Not reported Not reported
Contact country:	Not reported

CON EDISON (Continued) **1012185456**

Contact telephone: (917) 559-8971
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	Unknown
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	Unknown
Underground injection activity:	Unknown
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	Unknown
Used oil processor:	Unknown
User oil refiner:	Unknown
Used oil fuel marketer to burner:	Unknown
Used oil Specification marketer:	Unknown
Used oil transfer facility:	Unknown
Used oil transporter:	Unknown
Off-site waste receiver:	Commercial status unknown

Violation Status: No violations found

AP163 **612 OCEAN AV** **UST** **U000399942**
SW **612 OCEAN AVE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.227 mi.
1199 ft. **Site 2 of 5 in cluster AP**

Relative:
Lower

Actual:
46 ft.

UST:

Facility Id:	2-316245
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/07/10
UTM X:	587924.96137000003
UTM Y:	4500163.2751599997

Affiliation Records:

Site Id:	14494
Affiliation Type:	Emergency Contact
Company Name:	EMERICK GROSS REAL ESTATE L.P.

612 OCEAN AV (Continued) **U000399942**

Contact Type:	Not reported
Contact Name:	WERNER H. FRIEDLANDER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 265-9110
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/15/2007

Site Id:	14494
Affiliation Type:	Mail Contact
Company Name:	EMERICK GROSS REAL ESTATE L.P.
Contact Type:	Not reported
Contact Name:	WERNER H. FRIEDLANDER
Address1:	2086 W 5TH ST.
Address2:	RM #1
City:	BROOKLYN
State:	NY
Zip Code:	11223
Country Code:	001
Phone:	(718) 265-9110
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/16/2007

Site Id:	14494
Affiliation Type:	On-Site Operator
Company Name:	612 OCEAN AV
Contact Type:	Not reported
Contact Name:	SERGIO NUNEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 703-4755
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/15/2007

Site Id:	14494
Affiliation Type:	Owner
Company Name:	EMERICK GROSS REAL ESTATE L.P.
Contact Type:	PROPERTY MGR
Contact Name:	B CORDERO
Address1:	2086 W 5TH ST. SUITE 1

612 OCEAN AV (Continued) **U000399942**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11223
Country Code:	001
Phone:	(718) 265-9110
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/16/2007

Equipment Records:

H03 - Tank Leak Detection - Vapor Well
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A01 - Tank Internal Protection - Epoxy Liner

Tank Info:

Site ID:	14494
Tank Number:	001
Tank ID:	12950
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/19/2002
Capacity Gallons:	5000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	11/16/2007

HIST UST:

PBS Number:	2-316245
SPDES Number:	Not reported
Emergency Contact:	WERNER H. FRIEDLANDER
Emergency Telephone:	(718) 845-5794
Operator:	RODRIGUEZ
Operator Telephone:	(718) 783-7858
Owner Name:	EMERICK GROSS REAL ESTATE L.P.
Owner Address:	1 HANSON PLACE ROOM 1508
Owner City,St,Zip:	BKLYN, NY 11243
Owner Telephone:	(718) 783-7858
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported

612 OCEAN AV (Continued) **U000399942**

Mailing Name:	EMERICK GROSS REAL ESTATE L.P.
Mailing Address:	1 HANSON PLACE ROOM 1508
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11243
Mailing Contact:	WERNER H. FRIEDLANDER
Mailing Telephone:	(718) 783-7858
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	612 OCEAN AV
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/17/1997
Expiration Date:	07/10/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	10000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	10000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Vapor Well
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported

612 OCEAN AV (Continued) **U000399942**

Deleted: False
Updated: False
Lat/long: Not reported

AP164 **611 REALTY** **AST** **U003390922**
SW **611 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BKLYN, NY 11226**
0.228 mi.
1202 ft. **Site 3 of 5 in cluster AP**

Relative:
Lower

Actual:
46 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-332925
Program Type: PBS
UTM X: 587924.59730000002
UTM Y: 4500165.0299500003
Expiration Date: 2012/08/28

Affiliation Records:
Site Id: 15778
Affiliation Type: Emergency Contact
Company Name: 611 REALTY
Contact Type: Not reported
Contact Name: 611 REALTY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 871-8500
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15778
Affiliation Type: On-Site Operator
Company Name: 611 REALTY
Contact Type: Not reported
Contact Name: HERNAN ACOSTA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 871-8500
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 7/2/2007

Site Id: 15778

611 REALTY (Continued) **U003390922**

Affiliation Type:	Mail Contact
Company Name:	611 REALTY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5414 NEW UTRECHT AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 871-8500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/15/2004

Site Id:	15778
Affiliation Type:	Owner
Company Name:	611 REALTY
Contact Type:	MANAGING AGENT
Contact Name:	SAMS FARKAS
Address1:	5414 NEW UTRECHT AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 871-8500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	7/2/2007

Tank Info:

Tank Number:	001
Tank Id:	20376
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1911
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	7/2/2007

HIST AST:

PBS Number: 2-332925

611 REALTY (Continued) **U003390922**

SWIS Code:	6101
Operator:	DOUGLAS COX
Facility Phone:	(718) 871-8500
Facility Addr2:	611 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	611 REALTY
Emergency Tel:	(718) 871-8500
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	611 REALTY
Owner Address:	5414 NEW UTRECHT AVE
Owner City,St,Zip:	BKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 871-8500
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	611 REALTY
Mailing Address:	5414 NEW UTRECHT AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11219
Mailing Telephone:	(718) 871-8500
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/26/1997
Expiration:	08/28/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported

611 REALTY (Continued) **U003390922**

Pipe External:	6
Tank Containment:	Diking
Leak Detection:	4
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AQ165 **55 LENOX RD** **AST** **U003387725**
North **55 LENOX RD** **HIST AST** **N/A**
1/8-1/4 **BROKLYN, NY 11226**
0.228 mi.
1204 ft. **Site 3 of 5 in cluster AQ**

Relative:
Higher

Actual:
56 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-202762
Program Type:	PBS
UTM X:	588163.60702
UTM Y:	4500800.7965200003
Expiration Date:	2012/07/10

Affiliation Records:

Site Id:	6961
Affiliation Type:	On-Site Operator
Company Name:	55 LENOX RD
Contact Type:	Not reported
Contact Name:	I. HAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6961
Affiliation Type:	Emergency Contact
Company Name:	55 LENOX ASSOC., LLC
Contact Type:	Not reported
Contact Name:	I. HAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported

55 LENOX RD (Continued) **U003387725**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 753-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6961
Affiliation Type:	Owner
Company Name:	55 LENOX LLC
Contact Type:	VP
Contact Name:	ISAAC HAGER
Address1:	438 KINGSTON AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	4/30/2007

Site Id:	6961
Affiliation Type:	Mail Contact
Company Name:	55 LENOX LLC
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	438 KINGSTON AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(212) 673-2300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	4/30/2007

Tank Info:

Tank Number:	001
Tank Id:	12474
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1932
Capacity Gallons:	4000

55 LENOX RD (Continued) **U003387725**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	4/30/2007

HIST AST:

PBS Number:	2-202762
SWIS Code:	6101
Operator:	R. ABECASSIS
Facility Phone:	(212) 673-2300
Facility Addr2:	55 LENOX RD
Facility Type:	APARTMENT BUILDING
Emergency:	R. ABECASSIS
Emergency Tel:	(212) 673-2300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	55 LENOX ASSOC., LLC
Owner Address:	335 E 10TH ST
Owner City,St,Zip:	NEW YORK, NY 10009
Federal ID:	Not reported
Owner Tel:	(212) 673-2300
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	RALPH ABECASSSIS
Mailing Name:	55 LENOX ASSOC., LLC
Mailing Address:	335 E 10TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10009
Mailing Telephone:	(212) 673-2300
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/25/1997
Expiration:	07/10/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE

55 LENOX RD (Continued) **U003387725**

Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Not reported
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

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166 **2307 BEDFORD AVE** **LTANKS** **S106703238**
SSE **2307 BEDFORD AVENUE** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.229 mi.
1210 ft.

Relative:
Lower

Actual:
42 ft.

LTANKS:

Site ID:	166695
Spill No:	8802273
Spill Date:	6/13/1988
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	9/30/1992
Facility Addr2:	Not reported
Cleanup Ceased:	9/30/1992
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	6/13/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/14/1988
Spill Record Last Update:	6/7/2004
Spiller Name:	Not reported
Spiller Company:	SEARS & ROEBUCK

2307 BEDFORD AVE (Continued) **S106703238**

Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	140452
DEC Memo:	Not reported
Remarks:	TANK FAILED WITH A LEAK RATE OF .15GPH, WILL ISOLATE AND RETEST.

Material:

Site ID:	166695
Operable Unit ID:	919588
Operable Unit:	01
Material ID:	461396
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	166695
Spill Tank Test:	1534098
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8802273
Spill Date:	06/13/1988
Spill Time:	11:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	09/30/92
Cleanup Ceased:	09/30/92
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported

2307 BEDFORD AVE (Continued) **S106703238**

Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 06/13/88
Reported to Department Time: 14:28
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: SEARS & ROEBUCK
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 469-8000
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-400130
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/14/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/12/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: / / : 31 1 1 0 4 2 N.T.R2 2-055646 0981100/00+ 4104 1104 1 0 4 2 N.T.R1 T2-055654 1081100/00+ @ 3104 1104 1 0 4 2 N.
Spill Cause: TANK FAILED WITH A LEAK RATE OF .15GPH, WILL ISOLATE AND RETEST.

167 East 1/8-1/4 0.229 mi. 1209 ft. | **2525 CHURCH ASSOC. LLC**
2525 CHURCH AVENUE
BROOKLYN, NY 11226 | **AST** | **A100177936**
N/A

Relative: Higher

Actual: 50 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605622
Program Type:	PBS
UTM X:	588515.85993000004
UTM Y:	4500466.8960100003
Expiration Date:	2011/04/10

Affiliation Records:

Site Id:	27489
Affiliation Type:	On-Site Operator
Company Name:	2525 CHURCH ASSOC. LLC
Contact Type:	Not reported
Contact Name:	RUBIN ALKINS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 693-7725
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27489
Affiliation Type:	Owner
Company Name:	2525 CHURCH ASSOC. LLC
Contact Type:	MANAGER
Contact Name:	HOWARD KOHN
Address1:	P.O. BOX 10-0744
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 630-9755
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/22/2006

Site Id:	27489
Affiliation Type:	Emergency Contact
Company Name:	2525 CHURCH ASSOC. LLC
Contact Type:	Not reported
Contact Name:	HOWARD KOHN
Address1:	Not reported
Address2:	Not reported

2525 CHURCH ASSOC. LLC (Continued) **A100177936**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 630-9755
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27489
Affiliation Type:	Mail Contact
Company Name:	2525 CHURCH ASSOC. LLC
Contact Type:	Not reported
Contact Name:	HOWARD KOHN
Address1:	P.O. BOX 10-0744
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210-0744
Country Code:	001
Phone:	(718) 630-9755
Phone Ext:	Not reported
Email:	HKOHN@AOL.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	3/22/2006

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination

Tank Info:

Tank Number:	001
Tank Id:	60127
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

2525 CHURCH ASSOC. LLC (Continued) **A100177936**

Modified By: TRANSLAT
Last Modified: 3/4/2004

AQ168 **70 LENOX ROAD** **UST** **U000399080**
North **70 LENOX ROAD** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.230 mi.
1215 ft. **Site 4 of 5 in cluster AQ**

Relative:
Higher

Actual:
56 ft.

UST:
Facility Id: 2-245739
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2012/07/07
UTM X: 588202.03922999999
UTM Y: 4500803.5725600002

Affiliation Records:
Site Id: 9576
Affiliation Type: Emergency Contact
Company Name: 70 LENOX RD OWNERS CORP
Contact Type: Not reported
Contact Name: J.R.D. MANAGEMENT CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (800) 371-5155
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9576
Affiliation Type: On-Site Operator
Company Name: 70 LENOX ROAD
Contact Type: Not reported
Contact Name: RUBIN GONDOLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 940-9228
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9576
Affiliation Type: Owner

70 LENOX ROAD (Continued) **U000399080**

Company Name:	70 LENOX RD OWNERS CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	875 MAMARONECK AV
Address2:	Not reported
City:	MAMARONECK
State:	NY
Zip Code:	10543
Country Code:	001
Phone:	(914) 899-8000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9576
Affiliation Type:	Mail Contact
Company Name:	70 LENOX RD OWNERS CORP
Contact Type:	Not reported
Contact Name:	FREDERICK MEHLMAN, PRES.
Address1:	875 MAMARONECK AV
Address2:	Not reported
City:	MAMARONECK
State:	NY
Zip Code:	10543
Country Code:	001
Phone:	(914) 899-8000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	9576

Tank Number:	001
Tank ID:	11650
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1935
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	5/10/2007

HIST UST:

PBS Number:	2-245739

70 LENOX ROAD (Continued) **U000399080**

SPDES Number:	Not reported
Emergency Contact:	J.R.D. MANAGEMENT CORP
Emergency Telephone:	(914) 632-1975
Operator:	LUCIANO RODRIQUEZX
Operator Telephone:	(718) 941-2701
Owner Name:	70 LENOX RD OWNER'S CORP
Owner Address:	875 MAMARONECK AV
Owner City,St,Zip:	MAMARONECK, NY 10543
Owner Telephone:	(914) 381-5420
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	70 LENOX RD OWNER'S CORP
Mailing Address:	875 MAMARONECK AV
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MAMARONECK, NY 10543
Mailing Contact:	FREDERICK MEHLMAN, PRES.
Mailing Telephone:	(914) 381-5420
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	70 LENOX ROAD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/30/1999
Expiration Date:	07/07/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON

70 LENOX ROAD (Continued) **U000399080**

Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

169
SE
1/8-1/4
0.230 mi.
1217 ft.

GTS REAL PROPERTIES
2-12 OAKLAND PLACE
BROOKLYN, NY 11226

AST **A100294282**
N/A

Relative:
Lower

Actual:
43 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609778
Program Type:	PBS
UTM X:	588350.70187999995
UTM Y:	4500187.5739900004
Expiration Date:	2014/12/01

Affiliation Records:

Site Id:	334534
Affiliation Type:	Emergency Contact
Company Name:	GTS REAL PROPERTIES
Contact Type:	Not reported
Contact Name:	DESMOND GONZALEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 703-3738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/1/2004

Site Id:	334534
Affiliation Type:	On-Site Operator
Company Name:	GTS REAL PROPERTIES
Contact Type:	Not reported
Contact Name:	DESMOND GONZALEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported

GTS REAL PROPERTIES (Continued) **A100294282**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 703-3738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/1/2004

Site Id:	334534
Affiliation Type:	Mail Contact
Company Name:	GTS REAL PROPERTIES
Contact Type:	MANAGER
Contact Name:	OLGA BUDDINGTON
Address1:	P.O. BOX 367, FLATBUSH STATION
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 703-3738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/1/2004

Site Id:	334534
Affiliation Type:	Owner
Company Name:	GTS REAL PROPERTIES
Contact Type:	MANAGER
Contact Name:	OLGA BUDDINGTON
Address1:	P.O. BOX 367, FLATBUSH STATION
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 703-3738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	12/1/2004

Tank Info:

Tank Number:	001
Tank Id:	181004
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1960
Capacity Gallons:	4000

GTS REAL PROPERTIES (Continued) **A100294282**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	1/19/2010

AQ170 **65 LENOX RD** **AST** **U003393614**
North **65 LENOX RD** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.231 mi.
1218 ft. **Site 5 of 5 in cluster AQ**

Relative:
Higher

Actual:
56 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-339350
Program Type:	PBS
UTM X:	588191.05859000003
UTM Y:	4500802.77941
Expiration Date:	2013/11/16

Affiliation Records:

Site Id:	16346
Affiliation Type:	Owner
Company Name:	LENOX ASSOCIATES, LLC
Contact Type:	MGR
Contact Name:	DOV SANDBERG
Address1:	P.O. BOX 300462
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 854-5880
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/11/2008

Site Id:	16346
Affiliation Type:	Mail Contact
Company Name:	LENOX ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	DOV SANDBERG
Address1:	P.O. BOX 300462
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230-0462
Country Code:	001
Phone:	(718) 854-5880
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

65 LENOX RD (Continued) **U003393614**

Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16346
Affiliation Type:	Emergency Contact
Company Name:	LENOX ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	DOV SANDBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 854-5880
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16346
Affiliation Type:	On-Site Operator
Company Name:	65 LENOX RD
Contact Type:	Not reported
Contact Name:	DOV SANDBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 854-5880
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	30980
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1959
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

65 LENOX RD (Continued) **U003393614**

HIST AST:

PBS Number:	2-339350
SWIS Code:	6101
Operator:	DOV SAWOBONG
Facility Phone:	(718) 854-5880
Facility Addr2:	65 LENOX RD
Facility Type:	Not reported
Emergency:	DOV SAWBONG
Emergency Tel:	(718) 854-5880
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	LENOX ASSOCIATES, LLC
Owner Address:	P.O. BOX 300462
Owner City,St,Zip:	BROOKLYN, NY 11230
Federal ID:	Not reported
Owner Tel:	(718) 854-5880
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	DOV SAWBRONG
Mailing Name:	LENOX ASSOCITES, LLC
Mailing Address:	P.O. BOX 300462
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11230-0462
Mailing Telephone:	(718) 854-5880
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	11/18/1998
Expiration:	11/16/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19590101
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground

65 LENOX RD (Continued) **U003393614**

Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	00
Overfill Protection:	04
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AP171 **TTF** **LTANKS** **S110490823**
SW **615 OCEAN AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.232 mi.
1227 ft. **Site 4 of 5 in cluster AP**

Relative:
Lower

Actual:
45 ft.

LTANKS:

Site ID:	436037
Spill No:	1002842
Spill Date:	6/11/2010
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/26/2010
Facility Addr2:	615 OCEAN AVE REALTY CORP
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	6/11/2010
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/11/2010
Spill Record Last Update:	8/26/2010
Spiller Name:	Not reported
Spiller Company:	TANK TEST FAILURE
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	GEORGE MULLER
Spiller Phone:	(917) 337-6083
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	390926

TTF (Continued) **S110490823**

DEC Memo: TTF Letter sent to: Mr. George Muller 3185 Bedford Ave. Brooklyn, NY 11210 PBS No. 2-321923 10/26/10 Received letter from George Muller. He repaired vent line. No contamination found. NFA. bf

Remarks: corrosion on vent comes out through macadum to building - hole by ground - tank test failure - no cleanup needed

Material:

Site ID:	436037
Operable Unit ID:	1186744
Operable Unit:	01
Material ID:	2181566
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AP172 **615 OCEAN AVE REALTY CORP.** **UST** **U003758085**
SW **615 OCEAN AVENUE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11210**
0.234 mi.
1236 ft. **Site 5 of 5 in cluster AP**

Relative:
Lower

Actual:
45 ft.

UST:

Facility Id:	2-321923
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2015/11/02
UTM X:	587926.78177
UTM Y:	4500154.5012499997

Affiliation Records:

Site Id:	14982
Affiliation Type:	Owner
Company Name:	GEORGE MULLER
Contact Type:	AGENT
Contact Name:	GEORGE MULLER
Address1:	3185 BEDFORD AVENUE

615 OCEAN AVE REALTY CORP. (Continued) **U003758085**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 871-0097
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/13/2010

Site Id:	14982
Affiliation Type:	Emergency Contact
Company Name:	GEORGE MULLER
Contact Type:	Not reported
Contact Name:	GEORGE MULLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 871-0097
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14982
Affiliation Type:	Mail Contact
Company Name:	615 OCEAN AVE. REALTY CORP.
Contact Type:	Not reported
Contact Name:	GEORGE MULLER
Address1:	3185 BEDFORD AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11210
Country Code:	001
Phone:	(718) 871-0097
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14982
Affiliation Type:	On-Site Operator
Company Name:	615 OCEAN AVE REALTY CORP.
Contact Type:	Not reported
Contact Name:	GEORGE MULLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

615 OCEAN AVE REALTY CORP. (Continued) **U003758085**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 871-0097
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	14982
Tank Number:	001
Tank ID:	19859
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/16/1962
Capacity Gallons:	3000
Tightness Test Method:	21
Next Test Date:	7/6/2015
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	7/6/2010
Register:	True
Modified By:	BKFALVEY
Last Modified:	8/16/2010

HIST UST:

PBS Number:	2-321923
SPDES Number:	Not reported
Emergency Contact:	GEORGE MULLER
Emergency Telephone:	(718) 871-0097
Operator:	GEORGE MULLER
Operator Telephone:	(718) 871-0097
Owner Name:	GEORGE MULLER
Owner Address:	3185 BEDFORD AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11210
Owner Telephone:	(718) 871-0097
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	615 OCEAN AVE. REALTY CORP.
Mailing Address:	3185 BEDFORD AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11210
Mailing Contact:	GEORGE MULLER
Mailing Telephone:	(718) 871-0097
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	615 OCEAN AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING

615 OCEAN AVE REALTY CORP. (Continued) **U003758085**

Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/03/2000
Expiration Date:	11/02/2005
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	12/27/1987
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AR173 **55 EAST 21ST STREET CO., LLC** **AST** **U003385336**
NW **55 EAST 21ST ST** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.234 mi.
1236 ft. **Site 1 of 2 in cluster AR**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-130354

55 EAST 21ST STREET CO., LLC (Continued) **U003385336**

Program Type:	PBS
UTM X:	587913.95195999998
UTM Y:	4500768.4580699997
Expiration Date:	2012/06/05

Affiliation Records:

Site Id:	4090
Affiliation Type:	On-Site Operator
Company Name:	55 EAST 21ST STREET CO., LLC
Contact Type:	Not reported
Contact Name:	CARLOS MIRABAL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 633-8928
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/9/2007

Site Id:	4090
Affiliation Type:	Owner
Company Name:	55 EAST 21ST STREET CO., LLC
Contact Type:	OFFICER
Contact Name:	LOUIS BOMBART
Address1:	888 GRAND CONCOURSE, SUITE 20
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10451
Country Code:	001
Phone:	(718) 292-5300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/9/2007

Site Id:	4090
Affiliation Type:	Emergency Contact
Company Name:	55 EAST 21ST STREET CO., LLC
Contact Type:	Not reported
Contact Name:	CARLOS MIRABAL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 633-8928
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING

55 EAST 21ST STREET CO., LLC (Continued) **U003385336**

Date Last Modified:	5/9/2007

Site Id:	4090
Affiliation Type:	Mail Contact
Company Name:	55 EAST 21ST STREET CO., LLC
Contact Type:	Not reported
Contact Name:	LOUIS BOMBART
Address1:	888 GRAND CONCOURSE
Address2:	APT. 20
City:	BRONX
State:	NY
Zip Code:	10451
Country Code:	001
Phone:	(718) 292-5300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	5/9/2007

Tank Info:

Tank Number:	001
Tank Id:	5576
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1982
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	5/9/2007

HIST AST:

PBS Number:	2-130354
SWIS Code:	6101
Operator:	CARLOS FLETCHA
Facility Phone:	(718) 284-3471
Facility Addr2:	55 EAST 21ST ST
Facility Type:	APARTMENT BUILDING
Emergency:	CARLOS FLETCHA
Emergency Tel:	(718) 284-3471
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	55 EAST 21ST STREET CO., LLC
Owner Address:	117 WEST 70TH STREET
Owner City,St,Zip:	NEW YORK, NY 10023
Federal ID:	Not reported

55 EAST 21ST STREET CO., LLC (Continued) **U003385336**

Owner Tel:	(212) 877-9406
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	LOUIS BOMBART
Mailing Name:	55 EAST 21ST STREET CO., LLC
Mailing Address:	117 WEST 70TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10023
Mailing Telephone:	(212) 877-9406
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/20/1999
Expiration:	06/05/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AS174 **75 LENNOX REALTY CO** **UST** **U004077922**
North **75 LENOX ROAD** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.234 mi.
1237 ft. **Site 1 of 3 in cluster AS**

Relative:
Higher

Actual:
56 ft.

UST:

Facility Id:	2-359017
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/08/28
UTM X:	588218.51014999999
UTM Y:	4500804.76229

Affiliation Records:

Site Id:	18032
Affiliation Type:	Owner
Company Name:	75 LENNOX REALTY CO/J KEMPLER
Contact Type:	MEMBER
Contact Name:	JACOB KEMPLER
Address1:	303 BEFVERLY ROAD
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(718) 851-1940
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/11/2007

Site Id:	18032
Affiliation Type:	On-Site Operator
Company Name:	75 LENNOX REALTY CO
Contact Type:	Not reported
Contact Name:	BAUER HEATING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 299-1650
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/11/2007

Site Id:	18032
Affiliation Type:	Emergency Contact
Company Name:	75 LENNOX REALTY CO/J KEMPLER
Contact Type:	Not reported
Contact Name:	JOSE REYES
Address1:	Not reported
Address2:	Not reported

75 LENNOX REALTY CO (Continued) **U004077922**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 462-0506
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18032
Affiliation Type:	Mail Contact
Company Name:	75 LENNOX REALTY CO/J KEMPLER
Contact Type:	Not reported
Contact Name:	SUPER FACILITY MANAGER
Address1:	303 BEVERLY ROAD
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11218
Country Code:	001
Phone:	(718) 851-1940
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	18032

Tank Number:	001
Tank ID:	20398
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1940
Capacity Gallons:	5000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

AS175 **75 LENNOX REALTY CO** **HIST UST** **U001837029**
North **75 LENOX ROAD** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.234 mi.
1237 ft. **Site 2 of 3 in cluster AS**

Relative:
Higher

Actual:
56 ft.

HIST UST:

PBS Number:	2-359017
SPDES Number:	Not reported
Emergency Contact:	JOSE REYES
Emergency Telephone:	(718) 462-0506
Operator:	BAYER HEATING
Operator Telephone:	(718) 299-1650
Owner Name:	75 LENNOX REALTY CO/J KEMPLER
Owner Address:	303 BEFVERLY ROAD
Owner City,St,Zip:	BROOKLYN, NY 11217
Owner Telephone:	(718) 851-1940
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	75 LENNOX REALTY CO/J KEMPLER
Mailing Address:	303 BEVERLY ROAD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11218
Mailing Contact:	SUPER FACILITY MANAGER
Mailing Telephone:	(718) 851-1940
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	75 LENOX ROAD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/07/1998
Expiration Date:	08/28/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	19401201
Capacity (gals):	5000

75 LENNOX REALTY CO (Continued) **U001837029**

Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Vapor Well
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AS176 **80 LENOX RD** **AST** **U003387732**
NNE **80 LENOX RD** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.234 mi.
1237 ft. **Site 3 of 3 in cluster AS**

Relative:
Higher

Actual:
56 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-202851
Program Type:	PBS
UTM X:	588229.49078999995
UTM Y:	4500805.5554499999
Expiration Date:	2012/07/10

Affiliation Records:

Site Id:	6970
Affiliation Type:	Owner
Company Name:	80 LENOX LLC.
Contact Type:	VP
Contact Name:	ISAAC HAGER
Address1:	438 KINGSTON AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	4/30/2007

Site Id:	6970
Affiliation Type:	Mail Contact

80 LENOX RD (Continued) **U003387732**

Company Name:	80 LENOX, LLC
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	438 KINGSTON AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(212) 673-2300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	4/30/2007

Site Id:	6970
Affiliation Type:	On-Site Operator
Company Name:	80 LENOX RD
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 953-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6970
Affiliation Type:	Emergency Contact
Company Name:	80 LENOX ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	ISAAC HAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 453-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	12483
Tank Location:	1

80 LENOX RD (Continued) **U003387732**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1932
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	4/30/2007

HIST AST:

PBS Number:	2-202851
SWIS Code:	6101
Operator:	R. ABECASSIS
Facility Phone:	(212) 673-2300
Facility Addr2:	80 LENOX RD
Facility Type:	APARTMENT BUILDING
Emergency:	R. ABECASSIS
Emergency Tel:	(212) 673-2300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	80 LENOX ASSOCIATES, LLC
Owner Address:	335 EAST 10TH STREET
Owner City,St,Zip:	NEW YORK, NY 10009
Federal ID:	Not reported
Owner Tel:	(212) 673-2300
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	80 LENOX ASSOCITES, LLC
Mailing Address:	335 EAST 10TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10009
Mailing Telephone:	(212) 673-2300
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/31/1997
Expiration:	07/10/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY

80 LENOX RD (Continued) **U003387732**

County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AT177 **NEW YORK CONGREGATIONAL NURSING CENTER** **UST** **U004078417**
NE **123 LINDEN BOULEVARD** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.235 mi.
1242 ft. **Site 1 of 4 in cluster AT**

Relative:
Higher

Actual:
54 ft.

UST:

Facility Id:	2-601516
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2008/06/15
UTM X:	588452.31429000001
UTM Y:	4500657.4815400001

Affiliation Records:

Site Id:	23478
Affiliation Type:	Owner
Company Name:	NEW YORK CONGREGATIONAL NURSING CENTER
Contact Type:	PRESIDENT
Contact Name:	CELIA ZUCKERMAN
Address1:	135 LINDEN BOULEVARD
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226

NEW YORK CONGREGATIONAL NURSING CENTER (Continued) **U004078417**

Country Code:	001
Phone:	(718) 693-6060
Phone Ext:	140
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/12/2004

Site Id:	23478
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CONGREGATIONAL NURSING CENTER
Contact Type:	Not reported
Contact Name:	CELIA ZUCKERMAN
Address1:	135 LINDEN BLVD.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 693-6060
Phone Ext:	140
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/12/2004

Site Id:	23478
Affiliation Type:	On-Site Operator
Company Name:	NEW YORK CONGREGATIONAL NURSING CENTER
Contact Type:	Not reported
Contact Name:	CEILA ZUCKERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 693-6060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/12/2004

Site Id:	23478
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CONGREGATIONAL NURSING CENTER
Contact Type:	Not reported
Contact Name:	ADRIAN A COX
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 284-0039
Phone Ext:	149

NEW YORK CONGREGATIONAL NURSING CENTER (Continued) **U004078417**

Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/12/2004

Tank Info:

Site ID:	23478
Tank Number:	001
Tank ID:	46569
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/1993
Capacity Gallons:	2000
Tightness Test Method:	ZZ
Next Test Date:	Not reported
Date Tank Closed:	6/1/1993
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	3/1/1993
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

AT178 **123 LINDEN BLVD.** **LTANKS** **S100494882**
NE **123 LINDEN BLVD.** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.235 mi.
1242 ft. **Site 2 of 4 in cluster AT**

Relative:
Higher

Actual:
54 ft.

LTANKS:

Site ID:	113671
Spill No:	9213857
Spill Date:	3/16/1993
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/19/1993
Facility Addr2:	Not reported
Cleanup Ceased:	7/19/1993
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	3/17/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/30/1993
Spill Record Last Update:	7/19/1993
Spiller Name:	Not reported

123 LINDEN BLVD. (Continued) **S100494882**

Spiller Company:	NEW CONG. HOME FOR AGING
Spiller Address:	123 LINDEN BLVD.
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	112952
DEC Memo:	Not reported
Remarks:	EX-ISO RETEST. SUSPECT LINE.

Material:

Site ID:	113671
Operable Unit ID:	981163
Operable Unit:	01
Material ID:	403609
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	113671
Spill Tank Test:	1541288
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	9213857
Spill Date:	03/16/1993
Spill Time:	16:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	07/19/93
Cleanup Ceased:	07/19/93
Cleanup Meets Standard:	True
Investigator:	O'DOWD
Caller Name:	Not reported

123 LINDEN BLVD. (Continued) **S100494882**

Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/17/93
Reported to Department Time: 16:26
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: NEW CONG. HOME FOR AGING
Spiller Address: 123 LINDEN BLVD.
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 284-8256
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/30/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 07/19/93
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 07/19/93: REMOVED UST, DID COMPOSITE CLEAN BACKFILL WROTE UP CLOSURE LETTER.
Spill Cause: EX-ISO RETEST. SUSPECT LINE.

AT179 **NEW YORK CONGREGATIONAL HOME FOR AGED** **HIST UST** **U003074983**
NE **123 LINDEN BOULEVARD** **AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226** **HIST AST**
0.235 mi.
1242 ft. **Site 3 of 4 in cluster AT**

Relative:
Higher

Actual:
54 ft.

HIST UST:

PBS Number:	2-601516
SPDES Number:	Not reported
Emergency Contact:	MARY DEVLIN
Emergency Telephone:	(718) 543-6086
Operator:	MARY DEVLIN
Operator Telephone:	(718) 284-8256
Owner Name:	NEW YORK CONGREGATIONAL HOME FOR AGED
Owner Address:	123 LINDEN BOULEVARD
Owner City,St,Zip:	BROOKLYN, NY 11226
Owner Telephone:	(718) 284-8256
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	NY CONGREGATIONAL NURSING CENTER
Mailing Address:	135 LINDEN BLVD.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Contact:	ANTHONY PARRELLA
Mailing Telephone:	(718) 693-6060
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	123 LINDEN BOULEVARD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/21/1998
Expiration Date:	06/15/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	2500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19930601
Capacity (gals):	2000

NEW YORK CONGREGATIONAL HOME FOR AGED (Continued) **U003074983**

Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	10
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	10
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	Suction
Date Tested:	03/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	06/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-601516
Program Type:	PBS
UTM X:	588452.31429000001
UTM Y:	4500657.4815400001
Expiration Date:	2008/06/15

Affiliation Records:

Site Id:	23478
Affiliation Type:	Owner
Company Name:	NEW YORK CONGREGATIONAL NURSING CENTER
Contact Type:	PRESIDENT
Contact Name:	CELIA ZUCKERMAN
Address1:	135 LINDEN BOULEVARD
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 693-6060
Phone Ext:	140
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/12/2004

Site Id:	23478
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CONGREGATIONAL NURSING CENTER
Contact Type:	Not reported
Contact Name:	CELIA ZUCKERMAN
Address1:	135 LINDEN BLVD.
Address2:	Not reported

NEW YORK CONGREGATIONAL HOME FOR AGED (Continued) **U003074983**

City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 693-6060
Phone Ext:	140
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/12/2004

Site Id:	23478
Affiliation Type:	On-Site Operator
Company Name:	NEW YORK CONGREGATIONAL NURSING CENTER
Contact Type:	Not reported
Contact Name:	CEILA ZUCKERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 693-6060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/12/2004

Site Id:	23478
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CONGREGATIONAL NURSING CENTER
Contact Type:	Not reported
Contact Name:	ADRIAN A COX
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 284-0039
Phone Ext:	149
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/12/2004

Tank Info:

Tank Number:	002
Tank Id:	46570
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/1993

NEW YORK CONGREGATIONAL HOME FOR AGED (Continued) **U003074983**

Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	8/12/2004

HIST AST:

PBS Number:	2-601516
SWIS Code:	6101
Operator:	MARY DEVLIN
Facility Phone:	(718) 284-8256
Facility Addr2:	123 LINDEN BOULEVARD
Facility Type:	OTHER
Emergency:	MARY DEVLIN
Emergency Tel:	(718) 543-6086
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NEW YORK CONGREGATIONAL HOME FOR AGED
Owner Address:	123 LINDEN BOULEVARD
Owner City,St,Zip:	BROOKLYN, NY 11226
Federal ID:	Not reported
Owner Tel:	(718) 284-8256
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	ANTHONY PARRELLA
Mailing Name:	NY CONGREGATIONAL NURSING CENTER
Mailing Address:	135 LINDEN BLVD.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Telephone:	(718) 693-6060
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	05/21/1998
Expiration:	06/15/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	002

NEW YORK CONGREGATIONAL HOME FOR AGED (Continued) **U003074983**

Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19930601
Capacity (Gal):	2500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	10
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	10
Tank Containment:	58
Leak Detection:	0
Overfill Protection:	06
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AU180 **45 TENNIS CT** **AST** **U003385121**
WSW **45 TENNIS CT** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.237 mi.
1251 ft. **Site 1 of 2 in cluster AU**

Relative:
Higher

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-096474
Program Type:	PBS
UTM X:	587862.26670000004
UTM Y:	4500239.7087899996
Expiration Date:	2012/05/07

Affiliation Records:

Site Id:	2733
Affiliation Type:	Owner
Company Name:	EVA STERN 45 LLC
Contact Type:	MEMBER OF LLC
Contact Name:	ISAAC STERN
Address1:	P.O. BOX 190366
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219-0366
Country Code:	001
Phone:	(718) 435-8544
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

45 TENNIS CT (Continued) **U003385121**

Modified By:	msbaptis
Date Last Modified:	1/26/2007

Site Id:	2733
Affiliation Type:	On-Site Operator
Company Name:	45 TENNIS CT
Contact Type:	Not reported
Contact Name:	NORMAN HULSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 941-7889
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	2733
Affiliation Type:	Mail Contact
Company Name:	EVA STERN 45 LLC
Contact Type:	MEMBER OF LLC
Contact Name:	ISAAC STERN
Address1:	P.O. BOX 190366
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219-0366
Country Code:	001
Phone:	(718) 435-8544
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	1/26/2007

Site Id:	2733
Affiliation Type:	Emergency Contact
Company Name:	EVA STERN 45 LLC
Contact Type:	Not reported
Contact Name:	NORMAN HULSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 435-8544
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

45 TENNIS CT (Continued) **U003385121**

Tank Info:

Tank Number:	001
Tank Id:	5096
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1939
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	1/26/2007

HIST AST:

PBS Number:	2-096474
SWIS Code:	6101
Operator:	NORMAN HULSE
Facility Phone:	(718) 941-7889
Facility Addr2:	45 TENNIS CT
Facility Type:	APARTMENT BUILDING
Emergency:	NORMAN HULSE
Emergency Tel:	(718) 435-8544
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	EVA STERN 45 LLC
Owner Address:	P.O. BOX 190366
Owner City,St,Zip:	BROOKLYN, NY 11219-0366
Federal ID:	Not reported
Owner Tel:	(718) 435-8544
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	ISAAC STERN
Mailing Name:	EVA STERN 45 LLC
Mailing Address:	P.O. BOX 190366
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11219-0366
Mailing Telephone:	(718) 435-8544
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/29/2000
Expiration:	05/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True

45 TENNIS CT (Continued) **U003385121**

Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Aboveground
Pipe Type:	NONE
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Not reported
Leak Detection:	0
Overfill Protection:	64
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AV181 **21 ST PAULS COURT** **AST** **U003389037**
West **21 ST PAULS COURT** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.239 mi.
1262 ft. **Site 1 of 5 in cluster AV**

Relative:
Higher

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-284513
Program Type:	PBS
UTM X:	587800.30342000001
UTM Y:	4500487.2507300004
Expiration Date:	2015/01/26

Affiliation Records:

Site Id:	12611
Affiliation Type:	On-Site Operator
Company Name:	21 ST. PAULS COURT
Contact Type:	Not reported

21 ST PAULS COURT (Continued) **U003389037**

Contact Name:	WENDELL WILKENSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 462-6597
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/29/2008

Site Id:	12611
Affiliation Type:	Owner
Company Name:	RAMOGO REALTY LLC
Contact Type:	OWNER
Contact Name:	VINCENT RAGOSTA
Address1:	85 GOFF AVE.
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10309
Country Code:	001
Phone:	(718) 967-3235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/29/2008

Site Id:	12611
Affiliation Type:	Emergency Contact
Company Name:	RAMOGO REALTY LLC
Contact Type:	Not reported
Contact Name:	WENDELL WILKENSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 462-6597
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/29/2008

Site Id:	12611
Affiliation Type:	Mail Contact
Company Name:	RAMOGO REALTY LLC
Contact Type:	OWNER
Contact Name:	VINCENT RAGOSTA
Address1:	85 GOFF AVE.
Address2:	Not reported

21 ST PAULS COURT (Continued) **U003389037**

City:	STATEN ISLAND
State:	NY
Zip Code:	10309
Country Code:	001
Phone:	(718) 967-3235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/29/2008

Equipment Records:

H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Info:

Tank Number:	001
Tank Id:	15106
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1965
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	9/29/2008

HIST AST:

PBS Number:	2-284513
SWIS Code:	6101
Operator:	CIRILO MURO
Facility Phone:	(000) 435-0209
Facility Addr2:	21 ST PAULS COURT
Facility Type:	Not reported
Emergency:	USHER JALOS
Emergency Tel:	(718) 435-0209
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported

21 ST PAULS COURT (Continued) **U003389037**

Owner Name:	21 ST PAULS COURT REALTY CORP
Owner Address:	1681 4255
Owner City,St,Zip:	BROOKLYN, NY 11204
Federal ID:	Not reported
Owner Tel:	(000) 435-0209
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	21 ST PAULS COURT REALTY CORP
Mailing Address:	1681 4255
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11204
Mailing Telephone:	(000) 435-0209
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/14/1987
Expiration:	07/14/1992
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False

21 ST PAULS COURT (Continued) **U003389037**

Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

AV182 **21 ST PAUL'S COURT** **LTANKS** **S102671501**
West **21ST PAUL'S COURT** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.239 mi.
1264 ft. **Site 2 of 5 in cluster AV**

Relative:
Higher

Actual:
51 ft.

LTANKS:

Site ID:	145398
Spill No:	8911032
Spill Date:	2/20/1990
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	2/22/1990
Facility Addr2:	Not reported
Cleanup Ceased:	2/22/1990
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2/20/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Federal Government
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/5/1990
Spill Record Last Update:	3/29/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	123903
DEC Memo:	Not reported
Remarks:	NOTIFIER WITNESSED FUEL COMING FROM VENT DURING TRANSFER.

Material:

Site ID:	145398
Operable Unit ID:	936553
Operable Unit:	01
Material ID:	440578
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1

21 ST PAUL'S COURT (Continued) **S102671501**

Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 145398
Spill Tank Test: 1536783
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:
Region of Spill: 2
Spill Number: 8911032
Spill Date: 02/20/1990
Spill Time: 12:00
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 02/22/90
Cleanup Ceased: 02/22/90
Cleanup Meets Standard: True
Investigator: SIGONA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 02/20/90
Reported to Department Time: 12:13
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Federal Government
PBS Number: 2-284513
Last Inspection: / /

21 ST PAUL'S COURT (Continued) **S102671501**

Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/05/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: NOTIFIER WITNESSED FUEL COMING FROM VENT DURING TRANSFER.

AV183 **ROSKAR REALTY, INC.** **AST** **A100295854**
West **20 ST PAULS COURT** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.240 mi.
1265 ft. **Site 3 of 5 in cluster AV**

Relative:
Higher

Actual:
51 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-253464
Program Type: PBS
UTM X: 587797.29087999999
UTM Y: 4500486.7266699998
Expiration Date: 2012/07/14

Affiliation Records:
Site Id: 10262
Affiliation Type: Owner
Company Name: ROSKAR REALTY, INC. C/O HALSTEAD MGMT
Contact Type: PROPERTY MANAGER
Contact Name: PETER PANTELIC
Address1: 770 LEXINGTON AVE
Address2: Not reported

ROSKAR REALTY, INC. (Continued) **A100295854**

City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 396-8273
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	7/3/2007

Site Id:	10262
Affiliation Type:	Mail Contact
Company Name:	HALSTEAD MANAGEMENT
Contact Type:	Not reported
Contact Name:	PETER PANTELIC
Address1:	770 LEXINGTON AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 396-8273
Phone Ext:	Not reported
Email:	PPANTELIC@HALSTEAD.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	7/3/2007

Site Id:	10262
Affiliation Type:	On-Site Operator
Company Name:	ROSKAR REALTY, INC.
Contact Type:	Not reported
Contact Name:	KERLOIN CHAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-7487
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/28/2004

Site Id:	10262
Affiliation Type:	Emergency Contact
Company Name:	ROSKAR REALTY, INC. C/O HERON LLC
Contact Type:	Not reported
Contact Name:	PETER PANTELIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

ROSKAR REALTY, INC. (Continued) **A100295854**

Country Code:	999
Phone:	(212) 490-5000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/28/2004

Tank Info:

Tank Number:	001
Tank Id:	14231
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/1957
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	9/28/2004

AV184 **ROSKAR REALTY CORP** **HIST UST** **U003127814**
West **20 ST PAULS COURT** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.240 mi.
1265 ft. **Site 4 of 5 in cluster AV**

Relative:
Higher

Actual:
51 ft.

HIST UST:

PBS Number:	2-253464
SPDES Number:	Not reported
Emergency Contact:	HENRY WESTMAAS
Emergency Telephone:	(718) 462-7034
Operator:	HENRY WESTMAAS
Operator Telephone:	(718) 462-7034
Owner Name:	ROSKAR REALTY CORP
Owner Address:	% HERON MANAGEMENT LTD.,850 THIRD AVE
Owner City,St,Zip:	NEW YORK, NY 10022
Owner Telephone:	(212) 753-3210
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Name:	ROSKAR REALTY CORP
Mailing Address:	20 ST. PAULS COURT
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Contact:	SUPER FACILITY MANAGER
Mailing Telephone:	(718) 462-7034
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	20 ST PAULS COURT

ROSKAR REALTY CORP (Continued) **U003127814**

SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	04/21/1998
Expiration Date:	07/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19570601
Capacity (gals):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Vapor Well
Overfill Prot:	Not reported
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AT185 **APARTMENT BUILDING** **AST** **U003392891**
NE **128 LINDEN BLVD** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.241 mi.
1273 ft. **Site 4 of 4 in cluster AT**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-266051
Program Type:	PBS
UTM X:	588462.20940000005
UTM Y:	4500658.1446700003
Expiration Date:	2012/10/23

Affiliation Records:

Site Id:	10980
Affiliation Type:	Mail Contact
Company Name:	JOSAM REALTY CORP
Contact Type:	Not reported
Contact Name:	SAMUEL HERTZ
Address1:	1060 OCEAN AVE., A-1
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 434-5252
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	10980
Affiliation Type:	Owner
Company Name:	JOSAM REALTY CORP
Contact Type:	VP
Contact Name:	SAMUEL HERTZ
Address1:	1060 OCEAN AVE., A-1
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 238-3959
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	3/25/2008

Site Id:	10980
Affiliation Type:	Emergency Contact
Company Name:	JOSAM REALTY CORP
Contact Type:	Not reported
Contact Name:	SAMUEL HERTZ
Address1:	Not reported
Address2:	Not reported

APARTMENT BUILDING (Continued) **U003392891**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 434-5252
Phone Ext:	20
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	3/25/2008

Site Id:	10980
Affiliation Type:	On-Site Operator
Company Name:	APARTMENT BUILDING
Contact Type:	Not reported
Contact Name:	IGOR DUINICH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 420-7147
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	3/25/2008

Tank Info:

Tank Number:	001
Tank Id:	25598
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	201
Pipe Model:	Not reported
Install Date:	7/15/1981
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	3/25/2008

HIST AST:

PBS Number:	2-266051
SWIS Code:	6101
Operator:	JOSAM REALTY CORP
Facility Phone:	(718) 434-5252
Facility Addr2:	128 LINDEN BLVD
Facility Type:	APARTMENT BUILDING
Emergency:	SAMUEL HERTZ

APARTMENT BUILDING (Continued) **U003392891**

Emergency Tel:	(718) 934-2136
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	JOSAM REALTY CORP
Owner Address:	1060 OCEAN AVE., A-1
Owner City,St,Zip:	BKLYN, NY 11226
Federal ID:	Not reported
Owner Tel:	(718) 238-3959
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	SAMUEL HERTZ
Mailing Name:	JOSAM REALTY CORP
Mailing Address:	1060 OCEAN AVE., A-1
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKOOKLYN, NY 11226
Mailing Telephone:	(718) 434-5252
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/04/2000
Expiration:	10/23/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	50
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	None
Leak Detection:	00
Overfill Protection:	40
Dispenser Method:	Suction
Date Tested:	Not reported

APARTMENT BUILDING (Continued) **U003392891**

Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

186
West
1/8-1/4
0.244 mi.
1287 ft.

ST PAULS CHURCH
157 ST PAULS PLACE
BROOKLYN, NY 11226

UST **U001839209**
HIST UST **N/A**

Relative:
Higher

Actual:
52 ft.

UST:

Facility Id:	2-416134
Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Program Type:	PBS
Expiration Date:	N/A
UTM X:	587776.36499000003
UTM Y:	4500373.6691300003

Affiliation Records:

Site Id:	19721
Affiliation Type:	Mail Contact
Company Name:	ST PAULS CHURCH VGE OF FLATBUS
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	157 ST PAULS PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 282-2100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19721
Affiliation Type:	Emergency Contact
Company Name:	ST PAULS CHURCH VGE OF FLATBUS
Contact Type:	Not reported
Contact Name:	FR FRANK M S SMITH RECTOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 284-6453
Phone Ext:	Not reported
Email:	Not reported

ST PAULS CHURCH (Continued) **U001839209**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19721
Affiliation Type:	Owner
Company Name:	ST PAULS CHURCH VGE OF FLATBUS
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	157 ST PAULS PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 282-2100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19721
Affiliation Type:	On-Site Operator
Company Name:	ST PAULS CHURCH
Contact Type:	Not reported
Contact Name:	ST PAULS CHURCH VGE OF FLATBUS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 282-2100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	19721

Tank Number:	001
Tank ID:	30731
Tank Status:	Administratively Closed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	3/1/1993
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True

ST PAULS CHURCH (Continued) **U001839209**

Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number:	2-416134
SPDES Number:	Not reported
Emergency Contact:	FR FRANK M S SMITH RECTOR
Emergency Telephone:	(718) 284-6453
Operator:	ST PAULS CHURCH VGE OF FLATBUS
Operator Telephone:	(718) 282-2100
Owner Name:	ST PAULS CHURCH VGE OF FLATBUS
Owner Address:	157 ST PAULS PLACE
Owner City,St,Zip:	BROOKLYN, NY 11226
Owner Telephone:	(718) 282-2100
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	ST PAULS CHURCH VGE OF FLATBUS
Mailing Address:	157 ST PAULS PLACE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Contact:	Not reported
Mailing Telephone:	(718) 282-2100
Owner Mark:	First Owner
Facility Status:	3 - Administratively closed (reasons include business is closed and/or mail is undeliverable, and staff cannot check if tanks were removed; or a duplicate registration was generated).
Facility Addr2:	157 ST PAULS PLACE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/16/1987
Expiration Date:	11/16/1992
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	Undefined
Install Date:	Not reported
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL

ST PAULS CHURCH (Continued) **U001839209**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	03/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AW187 **APT HOUSE** **AST** **U003387444**
SW **625 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BKLYN, NY 11226**
0.244 mi.
1287 ft. **Site 1 of 3 in cluster AW**

Relative:
Lower

Actual:
45 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-291315
Program Type:	PBS
UTM X:	587932.24295999995
UTM Y:	4500128.17949
Expiration Date:	2007/07/07

Affiliation Records:

Site Id:	13204
Affiliation Type:	On-Site Operator
Company Name:	APT HOUSE
Contact Type:	Not reported
Contact Name:	H SILVERSTEIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 859-1411
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	7/26/2005

Site Id:	13204
Affiliation Type:	Mail Contact
Company Name:	625 OCEAN CO.

APT HOUSE (Continued) **U003387444**

Contact Type:	Not reported
Contact Name:	HARRY D. SILVERSTEIN
Address1:	P.O. BOX 360
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11234
Country Code:	001
Phone:	(718) 859-1411
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	7/26/2005

Site Id:	13204
Affiliation Type:	Emergency Contact
Company Name:	625 OCEAN COMPANY
Contact Type:	Not reported
Contact Name:	H SILVERSTEIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 859-1411
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	7/26/2005

Site Id:	13204
Affiliation Type:	Owner
Company Name:	625 OCEAN COMPANY
Contact Type:	GENERAL PARTNER
Contact Name:	H. SILVERSTEIN
Address1:	POB 360 RYDER STATION
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11234
Country Code:	001
Phone:	(718) 859-1411
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	7/26/2005

Tank Info:

Tank Number:	001
Tank Id:	11872
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron

APT HOUSE (Continued) **U003387444**

Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	7/26/2005

HIST AST:

PBS Number:	2-291315
SWIS Code:	6101
Operator:	625 OCEAN CO C/O H SILVERSTEIN
Facility Phone:	(718) 859-1411
Facility Addr2:	625 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	625 OCEAN CO C/O H SILVERSTEIN
Emergency Tel:	(718) 859-1411
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	625 OCEAN CO C/O H SILVERSTEIN
Owner Address:	POB 360 RYDER STATION
Owner City,St,Zip:	BKLYN, NY 11234
Federal ID:	Not reported
Owner Tel:	(718) 859-1411
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	HARRY D. SILVERSTEIN
Mailing Name:	625 OCEAN CO C/O H SILVERSTEIN
Mailing Address:	POB 360 RYDER STATION
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11234
Mailing Telephone:	(718) 859-1411
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/29/1997
Expiration:	07/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61

APT HOUSE (Continued) **U003387444**

Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AR188 **50 EAST 21ST STREET** **AST** **U003387314**
NW **50 EAST 21ST STREET** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.244 mi.
1288 ft. **Site 2 of 2 in cluster AR**

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-245763
Program Type:	PBS
UTM X:	587916.97175999999
UTM Y:	4500750.5051699998
Expiration Date:	2011/12/20

Affiliation Records:

Site Id:	9579
Affiliation Type:	Mail Contact
Company Name:	PROSPECT 21ST, LLC
Contact Type:	Not reported
Contact Name:	BRONSTEIN PROPERTIES, LLC
Address1:	108-18 QUEENS BLVD., SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001

50 EAST 21ST STREET (Continued) **U003387314**

Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/9/2007

Site Id:	9579
Affiliation Type:	On-Site Operator
Company Name:	PROSPECT 21ST, LLC
Contact Type:	Not reported
Contact Name:	OSWALD DACRE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 462-5887
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/9/2007

Site Id:	9579
Affiliation Type:	Owner
Company Name:	PROSPECT 21ST, LLC
Contact Type:	MANAGING MEMBER
Contact Name:	SCOTT SILVERMAN
Address1:	108-18 QUEENS BLVD., SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/9/2007

Site Id:	9579
Affiliation Type:	Emergency Contact
Company Name:	PROSPECT 21ST, LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported

50 EAST 21ST STREET (Continued) **U003387314**

Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 4/9/2007

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction

Tank Info:

Tank Number: 001
Tank Id: 11654
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/1936
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DXLIVING
Last Modified: 4/9/2007

Tank Number: 002
Tank Id: 11655
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 9/1/1984
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST AST:
PBS Number: 2-245763
SWIS Code: 6101
Operator: OSWALD DACRE

50 EAST 21ST STREET (Continued) **U003387314**

Facility Phone:	(718) 462-5887
Facility Addr2:	50 EAST 21ST STREET
Facility Type:	APARTMENT BUILDING
Emergency:	J.R.D. MANAGEMENT CORP
Emergency Tel:	(914) 632-1975
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	J.R.D. MANAGEMENT CORP
Owner Address:	875 MAMARONECK AV
Owner City,St,Zip:	MAMARONECK, NY 10543
Federal ID:	Not reported
Owner Tel:	(914) 381-5420
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	RICHARD MURPHY
Mailing Name:	J.R.D. MANAGEMENT CORP
Mailing Address:	875 MAMARONECK AV
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MAMARONECK, NY 10543
Mailing Telephone:	(914) 381-5420
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/14/1997
Expiration:	07/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None

50 EAST 21ST STREET (Continued) **U003387314**

Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	Tank Converted To Non-Regulated Use
Install Date:	19840901
Capacity (Gal):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AU189 **35 TENNIS COURT** **UST** **U004078467**
WSW **35 TENNIS COURT** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.244 mi.
1290 ft. **Site 2 of 2 in cluster AU**

Relative:
Higher

Actual:
49 ft.

UST:

Facility Id:	2-608184
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/05/22
UTM X:	587795.81651000003
UTM Y:	4500265.7106400002

Affiliation Records:

35 TENNIS COURT (Continued) **U004078467**

Site Id:	30036
Affiliation Type:	Owner
Company Name:	TENNIS COURT, LLC.
Contact Type:	OFFICER
Contact Name:	J. EISENBERG
Address1:	2100 WALLACE AVE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10462
Country Code:	001
Phone:	(718) 690-2000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/21/2007

Site Id:	30036
Affiliation Type:	On-Site Operator
Company Name:	35 TENNIS COURT
Contact Type:	Not reported
Contact Name:	TYRONE PHILLIP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 539-5603
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/21/2007

Site Id:	30036
Affiliation Type:	Mail Contact
Company Name:	THE LONDON YARN BLDG.
Contact Type:	Not reported
Contact Name:	J. EISENBERT
Address1:	590 56TH ST.
Address2:	Not reported
City:	WEST NEW YORK
State:	NJ
Zip Code:	07093
Country Code:	001
Phone:	(201) 537-5144
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/21/2007

Site Id:	30036
Affiliation Type:	Emergency Contact
Company Name:	TENNIS COURT, LLC.

35 TENNIS COURT (Continued) **U004078467**

Contact Type:	Not reported
Contact Name:	LUCIEN ZITO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 416-6311
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/21/2007

Tank Info:

Site ID:	30036
Tank Number:	001
Tank ID:	64851
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/9/1929
Capacity Gallons:	3000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Other
Date Test:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	5/21/2007

AX190 **416 OCEAN AVE/BKLYN** **LTANKS** **S106703484**
NW **416 OCEAN AVENUE** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.245 mi.
1294 ft. **Site 1 of 5 in cluster AX**

Relative:
Higher

Actual:
50 ft.

LTANKS:

Site ID:	293266
Spill No:	9008479
Spill Date:	11/2/1990
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/2/1992
Facility Addr2:	Not reported
Cleanup Ceased:	11/2/1992
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	11/2/1990

416 OCEAN AVE/BKLYN (Continued) **S106703484**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/7/1990
Spill Record Last Update:	1/21/2003
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	237370
DEC Memo:	Not reported
Remarks:	10K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EXCAVATE, ISOLATE & RETEST.

Material:

Site ID:	293266
Operable Unit ID:	949132
Operable Unit:	01
Material ID:	559266
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	293266
Spill Tank Test:	1537817
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	9008479
Spill Date:	11/02/1990
Spill Time:	11:30

416 OCEAN AVE/BKLYN (Continued) **S106703484**

Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/02/92
Cleanup Ceased:	11/02/92
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	11/02/90
Reported to Department Time:	13:04
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 624-4842
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	11/07/90
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	02/15/94
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False

416 OCEAN AVE/BKLYN (Continued) **S106703484**

Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: 10K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EXCAVATE, ISOLATE RETEST.

AX191 **416 OCEAN TENANTS CORP** **UST** **U004076408**
NW **416 OCEAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.247 mi.
1304 ft. **Site 2 of 5 in cluster AX**

Relative:
Higher

Actual:
50 ft.

UST:
Facility Id: 2-149225
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2012/02/26
UTM X: 587832.89870999998
UTM Y: 4500684.8060900001

Affiliation Records:
Site Id: 4491
Affiliation Type: On-Site Operator
Company Name: 416 OCEAN TENANTS CORP
Contact Type: Not reported
Contact Name: HENRY RODRIGUEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 462-1906
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 2/26/2007

Site Id: 4491
Affiliation Type: Emergency Contact
Company Name: 416 OCEAN TENANTS CORP.
Contact Type: Not reported
Contact Name: HENRY RODRIGUEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999

416 OCEAN TENANTS CORP (Continued) **U004076408**

Phone:	(718) 462-1906
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/26/2007

Site Id:	4491
Affiliation Type:	Mail Contact
Company Name:	BG REAL ESTATE
Contact Type:	Not reported
Contact Name:	MARC GOLDSTEIN
Address1:	26 COURT ST. RM 2304
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11242
Country Code:	001
Phone:	(718) 625-7799
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/26/2007

Site Id:	4491
Affiliation Type:	Owner
Company Name:	416 OCEAN TENANTS CORP.
Contact Type:	MANAGING AGENT
Contact Name:	MARC GOLDSTEIN
Address1:	26 COURT ST. ROOM 2304
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11242
Country Code:	001
Phone:	(718) 625-7799
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/26/2007

Tank Info:

Site ID:	4491

Tank Number:	001
Tank ID:	8120
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1926
Capacity Gallons:	10000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	5/1/1991
Tank Location:	5

416 OCEAN TENANTS CORP (Continued) **U004076408**

Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

AX192 **BRACEBRIDGE HALL** **HIST UST** **U003074414**
NW **416 OCEAN AVENUE** **AST** **N/A**
1/8-1/4 **BKLYN, NY 11226** **HIST AST**
0.247 mi.
1304 ft. **Site 3 of 5 in cluster AX**

Relative:
Higher

Actual:
50 ft.

HIST UST:

PBS Number:	2-149225
SPDES Number:	Not reported
Emergency Contact:	BEN RODRIGUEZ
Emergency Telephone:	(718) 462-1906
Operator:	BEN RODRIGUEZ
Operator Telephone:	(718) 462-1906
Owner Name:	BLANNOR REALTY COMPANY
Owner Address:	26 COURT ST ROOM2400
Owner City,St,Zip:	BROOKLYN, NY 11242
Owner Telephone:	(718) 625-7799
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	BLANNOR REALTY COMPANY
Mailing Address:	26 COURT ST ROOM2400
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11242
Mailing Contact:	RONALD L. HARRAKA
Mailing Telephone:	(718) 625-7799
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	416 OCEAN AVENUE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	06/24/1997
Expiration Date:	06/05/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01

BRACEBRIDGE HALL (Continued) **U003074414**

Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: 19261201
Capacity (gals): 10000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 05/01/1991
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-149225
Program Type: PBS
UTM X: 587832.89870999998
UTM Y: 4500684.8060900001
Expiration Date: 2012/02/26

Affiliation Records:
Site Id: 4491
Affiliation Type: On-Site Operator
Company Name: 416 OCEAN TENANTS CORP
Contact Type: Not reported
Contact Name: HENRY RODRIGUEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 462-1906
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 2/26/2007

BRACEBRIDGE HALL (Continued) **U003074414**

Site Id:	4491
Affiliation Type:	Emergency Contact
Company Name:	416 OCEAN TENANTS CORP.
Contact Type:	Not reported
Contact Name:	HENRY RODRIGUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 462-1906
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/26/2007

Site Id:	4491
Affiliation Type:	Mail Contact
Company Name:	BG REAL ESTATE
Contact Type:	Not reported
Contact Name:	MARC GOLDSTEIN
Address1:	26 COURT ST. RM 2304
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11242
Country Code:	001
Phone:	(718) 625-7799
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/26/2007

Site Id:	4491
Affiliation Type:	Owner
Company Name:	416 OCEAN TENANTS CORP.
Contact Type:	MANAGING AGENT
Contact Name:	MARC GOLDSTEIN
Address1:	26 COURT ST. ROOM 2304
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11242
Country Code:	001
Phone:	(718) 625-7799
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/26/2007

Tank Info:

Tank Number:	002

BRACEBRIDGE HALL (Continued) **U003074414**

Tank Id:	43610
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/1/1991
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-149225
SWIS Code:	6101
Operator:	BEN RODRIGUEZ
Facility Phone:	(718) 462-1906
Facility Addr2:	416 OCEAN AVENUE
Facility Type:	APARTMENT BUILDING
Emergency:	BEN RODRIGUEZ
Emergency Tel:	(718) 462-1906
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	BLANNOR REALTY COMPANY
Owner Address:	26 COURT ST ROOM2400
Owner City,St,Zip:	BROOKLYN, NY 11242
Federal ID:	Not reported
Owner Tel:	(718) 625-7799
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	RONALD L. HARRAKA
Mailing Name:	BLANNOR REALTY COMPANY
Mailing Address:	26 COURT ST ROOM2400
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11242
Mailing Telephone:	(718) 625-7799
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	06/24/1997
Expiration:	06/05/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False

BRACEBRIDGE HALL (Continued) **U003074414**

CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	002
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19910501
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	01
Tank Containment:	Diking
Leak Detection:	Not reported
Overfill Protection:	6
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AX193 **416 OCEAN AVE/BKLYN** **HIST LTANKS** **S106703508**
NW **416 OCEAN AVENUE** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.247 mi.
1304 ft. **Site 4 of 5 in cluster AX**

Relative:
Higher

Actual:
50 ft.

HIST LTANKS:

Region of Spill:	2
Spill Number:	9010204
Spill Date:	12/19/1990
Spill Time:	17:00
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	c4
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported

416 OCEAN AVE/BKLYN (Continued) **S106703508**

Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/19/90
Reported to Department Time: 17:43
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: BLANDER REALITY
Spiller Address: 26 COURT STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (212) 625-7799
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/15/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/13/92
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 500
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: OVERFILL IN TANK ROOM,A L EASTMOND TO PUMP OUT BAD TANK INTO VAC TRUCK10K TANK,DEC TO INVESTIGATE.

NY Spills:
Site ID: 293267
Facility Addr2: Not reported

416 OCEAN AVE/BKLYN (Continued) **S106703508**

Facility ID:	9010204
Spill Number:	9010204
Facility Type:	ER
SWIS:	2401
Investigator:	SFRAHMAN
Referred To:	Not reported
Spill Date:	12/19/1990
Reported to Dept:	12/19/1990
CID:	Not reported
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not Closed
Remediation Phase:	1
Date Entered In Computer:	3/15/1991
Spill Record Last Update:	3/15/2010
Spiller Name:	Not reported
Spiller Company:	BLANDER REALITY
Spiller Address:	26 COURT STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	237370
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE" 3/17/06 Data showed diesel in soil. Need to foolow up with owner. Blannor Realty (718)625-7799. 3/31/09 - Austin - Transferred from Needs Reassignment to Rahman for further work to remeidate and close - end 01/15/10 Contact number, as per PBS is not reachable.CSL was sent out to BG Real Estate 26 Court Street, Room #2304 Brooklyn, NY 11242 & PBS:2-149225 416 Ocean Tenants Corp. 416 Ocean Avenue Brooklyn, NY 11226(sr) 03/15/10 Site visit performed on 03/11/10. Two MW exist on side walk at the suspected tank location.(sr)
Remarks:	OVERFILL IN TANK ROOM,A L EASTMOND TO PUMP OUT BAD TANK INTO VAC TRUCK10K TANK,DEC TO INVESTIGATE.

Material:

Site ID:	293267
Operable Unit ID:	950666
Operable Unit:	01
Material ID:	430368
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	500
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

416 OCEAN AVE/BKLYN (Continued) **S106703508**

Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

AW194 **2020 REALTY** **AST** **U003391803**
SSW **2020 ALBERMARLE ROAD** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.248 mi.
1311 ft. **Site 2 of 3 in cluster AW**

Relative:
Lower

Actual:
43 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-215902
Program Type: PBS
UTM X: 587954.91536999994
UTM Y: 4500098.9018599996
Expiration Date: 2012/10/15

Affiliation Records:
Site Id: 8092
Affiliation Type: Emergency Contact
Company Name: 2020 REALTY
Contact Type: Not reported
Contact Name: SAM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 486-1501
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 8092
Affiliation Type: Owner
Company Name: 2020 REALTY
Contact Type: PRESIDENT
Contact Name: M. PILLER
Address1: 1274 50TH STREET
Address2: Not reported
City: BROOKLYN

2020 REALTY (Continued) **U003391803**

State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 972-7660
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	8/8/2007

Site Id:	8092
Affiliation Type:	Mail Contact
Company Name:	M.P. MANAGEMENT
Contact Type:	Not reported
Contact Name:	MIKE
Address1:	1274 49TH STREET #164
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 972-7660
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8092
Affiliation Type:	On-Site Operator
Company Name:	2020 REALTY
Contact Type:	Not reported
Contact Name:	SAM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 486-1501
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	22323
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1957
Capacity Gallons:	4000

2020 REALTY (Continued) **U003391803**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	8/8/2007

HIST AST:

PBS Number:	2-215902
SWIS Code:	6101
Operator:	SAM
Facility Phone:	(718) 941-1332
Facility Addr2:	2020 ALBERMALL RD
Facility Type:	Not reported
Emergency:	SAM
Emergency Tel:	(718) 941-1332
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	2020 REALTY
Owner Address:	1274 50TH STREET
Owner City,St,Zip:	BROOKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 972-7660
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MIKE
Mailing Name:	M.P. MANAGEMENT
Mailing Address:	1274 49TH STREET #164
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11219
Mailing Telephone:	(718) 972-7660
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/16/1998
Expiration:	10/15/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND

2020 REALTY (Continued) **U003391803**

Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AX195 **417 OCEAN AVENUE** **AST** **U003390073**
NW **417 OCEAN AVE** **HIST AST** **N/A**
1/8-1/4 **BKLYN, NY 11226**
0.249 mi.
1316 ft. **Site 5 of 5 in cluster AX**

Relative:
Higher

Actual:
50 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-267457
Program Type:	PBS
UTM X:	587833.58909999998
UTM Y:	4500679.4880100004
Expiration Date:	2014/08/23

Affiliation Records:

Site Id:	11101
Affiliation Type:	Mail Contact
Company Name:	OCEAN417 LLC
Contact Type:	AUTHORIZED SIGNATORY
Contact Name:	MARGARETA MILLER
Address1:	1205 47TH ST.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 854-1400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving

417 OCEAN AVENUE (Continued) **U003390073**

Date Last Modified:	12/12/2008

Site Id:	11101
Affiliation Type:	On-Site Operator
Company Name:	417 OCEAN AVENUE
Contact Type:	Not reported
Contact Name:	JAIME PALOMO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 801-5807
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	12/12/2008

Site Id:	11101
Affiliation Type:	Owner
Company Name:	OCEAN417 LLC
Contact Type:	AUTHORIZED SIGNATORY
Contact Name:	MARGARETA MILLER
Address1:	1205 47TH ST.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 854-1400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	12/12/2008

Site Id:	11101
Affiliation Type:	Emergency Contact
Company Name:	OCEAN417 LLC
Contact Type:	Not reported
Contact Name:	JAIME PALOMO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 801-5807
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	12/12/2008

417 OCEAN AVENUE (Continued) **U003390073**

Tank Info:

Tank Number:	001
Tank Id:	18275
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1940
Capacity Gallons:	4980
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	6/8/2009

HIST AST:

PBS Number:	2-267457
SWIS Code:	6101
Operator:	BERTA MANAGEMENT
Facility Phone:	(718) 377-8700
Facility Addr2:	417 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	POSITIVE HEATING CORP
Emergency Tel:	(718) 629-4000
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NOMET MANAGEMENT CORPORATION
Owner Address:	1860 FLATBUSH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11210
Federal ID:	Not reported
Owner Tel:	(718) 377-8700
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	NOMET MANAGEMENT CORPORATION
Mailing Address:	1860 FLATBUSH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11210
Mailing Telephone:	(718) 377-8700
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/28/1998
Expiration:	01/20/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4980
FAMT:	True

417 OCEAN AVENUE (Continued) **U003390073**

Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4980
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	1
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	6
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AW196 **JACKSON SURREY BEVERLY LLC** **UST** **U003128157**
SW **630 OCEAN AVENUE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11226**
0.249 mi.
1316 ft. **Site 3 of 3 in cluster AW**

Relative:
Lower

Actual:
44 ft.

UST:

Facility Id:	2-346381
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/09/03
UTM X:	587936.42986999999
UTM Y:	4500107.9994799998

Affiliation Records:

Site Id:	16935
Affiliation Type:	Mail Contact
Company Name:	JACKSON SURREY CO
Contact Type:	Not reported

JACKSON SURREY BEVERLY LLC (Continued) **U003128157**

Contact Name:	BENNY SOKOL
Address1:	152 W 57TH STREET
Address2:	12TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 315-3390
Phone Ext:	Not reported
Email:	BSOKOL@FISHERASSOC.NET
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	7/25/2007

Site Id:	16935
Affiliation Type:	Emergency Contact
Company Name:	JACKSON SURREY CO.
Contact Type:	Not reported
Contact Name:	RON DUSHAME
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 436-2109
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	7/25/2007

Site Id:	16935
Affiliation Type:	On-Site Operator
Company Name:	JACKSON SURREY BEVERLY LLC
Contact Type:	Not reported
Contact Name:	RON DUSHAME
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 715-2297
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	7/25/2007

Site Id:	16935
Affiliation Type:	Owner
Company Name:	JACKSON SURREY CO.
Contact Type:	MANAGER
Contact Name:	BENNY SOKOL
Address1:	152 E 57TH STREET
Address2:	Not reported

JACKSON SURREY BEVERLY LLC (Continued) **U003128157**

City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 315-3390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	7/25/2007

Equipment Records:

F01 - Pipe External Protection - Painted/Asphalt Coating
A01 - Tank Internal Protection - Epoxy Liner
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Info:

Site ID:	16935
Tank Number:	001
Tank ID:	32894
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/27/1963
Capacity Gallons:	10000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	7/25/2007

HIST UST:

PBS Number:	2-346381
SPDES Number:	Not reported
Emergency Contact:	TONY CONCHA
Emergency Telephone:	(718) 941-6462
Operator:	TONY CONCHA
Operator Telephone:	(718) 941-6462
Owner Name:	JACKSON SURREY CO
Owner Address:	1775 BROADWAY #515
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Telephone:	(212) 315-3390
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Name:	JACKSON SURREY CO

JACKSON SURREY BEVERLY LLC (Continued) **U003128157**

Mailing Address:	1775 BROADWAY #515
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Contact:	JACK BERKOVITCH
Mailing Telephone:	(212) 315-3390
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	630 OCEAN AVENUE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/27/1999
Expiration Date:	09/03/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	10000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	10000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	None
Leak Detection:	Electronic
Overfill Prot:	Vent Whistle
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False

JACKSON SURREY BEVERLY LLC (Continued) **U003128157**

Updated: True
Lat/long: Not reported

AV197
West
1/4-1/2
0.254 mi.
1340 ft.

ST PAULS REALTY LLC
1 ST PAULS COURT
BROOKLYN, NY

Site 5 of 5 in cluster AV

LTANKS **S107489285**
N/A

Relative:
Higher

Actual:
49 ft.

LTANKS:

Site ID:	356313
Spill No:	0510355
Spill Date:	12/2/2005
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/14/2007
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	12/2/2005
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/2/2005
Spill Record Last Update:	2/14/2007
Spiller Name:	KRISTY CLUNE
Spiller Company:	ST PAULS REALTY LLC
Spiller Address:	1 ST PAULS COURT
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	KRISTY CLUNE
Spiller Phone:	(800) 440-8265
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	306372
DEC Memo:	need to send TTF ltr 12/5/05 - Raphael Ketani. TTF of a 4,000 gal. tank with #6 oil. PBS case #2-099295. Tank listed as above ground and no contact with ground. Owners are ST Pauls Realty, LLC, 1491 Coney Island Avenue, Brklyn, NY, 11230. Consultants are: Rachel Ataman, Hydro Tech Environmental, Inc., 21-71 Jericho Turnpike, Suite 340, Commack, NY, 11725. Source of the failure was improperly repaired seals. I will send a TTF letter today. 12/9/05 TTF letter sent to: Michael Malek St Paul Realty LLC 1491 Coney Island Ave Brooklyn, NY 11230 12/19/05 Feroze. Spill is transferred to Feroze from Ketani. Report due date was 01/05/06. Hydro Tech Environmental, Corp submitted tank test result. The tank failed because a leak was detected at the empty area or the associated piping. 12/29/05. Talked with Kristy Clune , they will send tank test result to DEC soon. 02/06/06 Feroze talked with Ms. Kristy and faxed her the spill report

ST PAULS REALTY LLC (Continued) **S107489285**

she told me to talk with Ms. Rachel Adaman 631-462-5866. I called her. Her client will buy that property. she will give me the name and number of present owner. 02/08/06. Feroze talked with Ms. Rachel, she is trying to collect the name and number of present owner. 02/14/06 Feroze talke with Ms.Kathe of Hydrotech Env. 631-462-5866. She told me that she will submit all doduments regarding tank tesr and repair to DEC soon. 02/16/06. Feroze, CSL is sent to the following address upon their request: Mr. Kathleen De Voe Hydro Tech. Env. Corp 1111 Fulton St, Brooklyn, NY 11238 02/21/06 Feroze, Hydro Tech. Env, Corp submited the documents that they had taken 4 soil samples. Soil analysis result shows the VOC and SVOC is witin acceptable limit. They will repair the tank and replace the pipe, test the tank and the system. 03/15/06. Spill is transferred from Feroze to Kumer Patel. 04/27/06-Hiralkumar Patel. Try to contact Rachel at Hydrotech, but she was not in yet. her cell number is 631-457-0032. Left message for Kristy at Advanced Tank. Received call from Kristy. as per Kristy, they have't heard after doing initial test. they had been hired by Hydrotech. Spoke to Rachel and she will email me whatever information she has. Tried phone number listed on PBS list (718) 692-0003. operator told me that they have sold out this property in Jan. 2006 to Urban American Management. Urban American Management (877) 705-1835 Left message for manager at Urban American Management. Received call from Roman Dyjak, manager of property. he doesn't know about any DEC spill report on site. Roman Dyjak Urban American Management 590 56th Street West New York, NJ 07093 PH. (718) 282-0087 FAX (718) 282-0081 Called number on PBS records and found following information about previous owner, when spill was reported: Michael Malek 1491 Coney Island Avenue Brooklyn, NY 11230 PH. (718) 692-0003 FAX (718) 692-2418 TTF letter sent out to current owner and previous owner with requirement of PBS registration as new owner. faxed to current owner and previous owner. 05/08/06-Hiralkumar Patel. Received call from Mr. Dyjak from Urban American. he has hired his boiler company to do work. MMI Boiler Contact: Lester Star (718) 449-4166 they are planning to clean and do isolation test on old tank. 05/17/06-Hiralkumar Patel. Received letter from Lester Starr from MMI Mechanical. they have removed all product from fuel oil tank on 05/09/2006 and temporarily closed the tank to prevent any further release. they are working on tank test and removal of any contaminated material. will submit results. 05/30/06-Hiralkumar Patel. Left message for Mr. starr for updates. 06/01/06-Hiralkumar Patel. Spoke to Mr. Starr. he found some soil sample results from previous company who did testing. as per him soil samples are clean. tank at location is partially burried and it is inside concrete vault. all the lines to/from tank area above ground. no oil spill noticed around tank as they opened top of tank for cleaning and no oil stains along the lines. Mr. Starr will send me lab results with cover letter that what work done till now and what they are planning in future. 06/20/06-Hiralkumar Patel. received documents from Lester contains lab results of soil taken by Hydrotech previously, PBS correction & photographs of soil probe installation. - believed that test failure was caused by defective piping to the existing tank - Hydrotech installed four probes in vicinity of tank - soil probes were sampled at consecutive 2 ft intervals from the ground surface to a depths ranging from 2.5 to 4 ft bg - no visual or lfactory evidence of petroleum was encountered in any of soil probes - soil samples screened in-field, no levels of organic vapors were encountered in any of soil probes - no contamination found in any soil samples -

ST PAULS REALTY LLC (Continued) **S107489285**

proposed to remove old tank and to installed new tank. Spoke to John at MMI Mechanical. he doesn't know about isolation tests on pipings. Left message for Lester. 06/21/06-Hiralkumar Patel. REceived message from Mr. Starr. Mr. Starr PH. (718) 449-4166 (O) (917) 593-2565 (C) Left message for Mr. Starr. 06/22/06-Hiralkumar Patel. spoke with Mr. Starr. explained him that hydrotech took soil samples on only two sides of tank. need soil sample results from other two sides of tank if possible. owner is planning to abandone this tank, so asked Mr. Starr to take soil samples from other two side and through bottom of tank. Mr. Starr will talk to owner and will call back with planning by next week. PBS# 2-099295 as per PBS records, tank is AST on legs. but Mr. Starr send PBS correction form which shows tank is aboveground with 10% or more below ground. 07/05/06-Hiralkumar Patel. Left message for Mr. Starr. 07/13/06-Hiralkumar Patel. received call from Mr. Starr. because of foundation walls, it is not possible to take soil samples at other sides. they are planning to remove tank. asked Mr. Starr to take endpoint samples & color photographs of floor under tank once tank will be removed. Mr. Starr is working with owner to decide dates to remove tank. once he gets final approval, he will call back. 08/01/06-Hiralkumar Patel. called for Mr. Starr but he is out of office till monday August 7, 2006. 08/29/06-Hiralkumar Patel. left message for Mr. Starr. 09/25/06-Hiralkumar Patel. spoke with Mr. Starr. he is still waiting to hear from owner about further work. 11/08/06-Hiralkumar Patel. left message for Mr. Starr. received message from Mr. Starr. they got contract recently and will start work soon. he will send report at end of work. 12/05/06-Hiralkumar Patel. left message for Mr. Starr. received call from Mr. Starr. they have removed tank from location and Eastmond will remove contamianted material and will do soil testing. Mr. Starr will send final report. 12/21/06-Hiralkumar Patel. received message from Isaac (Cell: 646-879-6703) from Eastmond. spoke with Isaac. he has removed about 20 drums of contaminated soil and took endpoint samples today. Isaac will send final report. 02/14/07-Hiralkumar Patel. received report from Mr. Starr (mmimechn@yahoo.com). Eastmond removed contamianted soil and took endpoint samples. no contmaination found in endpoint samples. based on available documents, case closed. NFA sent to Mr. Dyjak. letter emailed to Mr. Starr at MMI Mechanical.

Remarks: ULIDGE FAILURE

Material:

Site ID:	356313
Operable Unit ID:	1113623
Operable Unit:	01
Material ID:	2103684
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	356313

ST PAULS REALTY LLC (Continued) **S107489285**

Spill Tank Test:	1549561
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	12/2/2005
Test Method:	Horner EZ Check I or II

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198 WNW 1/4-1/2 0.261 mi. 1380 ft. **DIPLOMAT APARTMENTS 1829 CATON AVENUE BROOKLYN, NY** **LTANKS HIST LTANKS** **S103941143 N/A**

Relative: Higher

Actual: 50 ft.

LTANKS:

Site ID:	213082
Spill No:	9901754
Spill Date:	5/14/1999
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/18/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	GWBURKE
Referred To:	Not reported
Reported to Dept:	5/14/1999
CID:	322
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/14/1999
Spill Record Last Update:	11/18/2005
Spiller Name:	STATEWIDE INSTALLERS
Spiller Company:	DIPLOMAT APARTMENTS
Spiller Address:	1829 CATON AVENUE
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller County:	001
Spiller Contact:	STATEWIDE INSTALLERS
Spiller Phone:	(516) 789-3300
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	176530
DEC Memo:	11/18/05 - Tank fixed and retested. Close. GB
Remarks:	GROSS FAILURE OF TANK TEST

Material:

Site ID:	213082

DIPLOMAT APARTMENTS (Continued) **S103941143**

Operable Unit ID:	1080520
Operable Unit:	01
Material ID:	563519
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	213082
Spill Tank Test:	1547174
Tank Number:	Not reported
Tank Size:	5000
Test Method:	20
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	USTest 2000/P/LL plus USTest 2000/U

HIST LTANKS:

Region of Spill:	2
Spill Number:	9901754
Spill Date:	05/14/1999
Spill Time:	13:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	05/14/99
Reported to Department Time:	13:45
SWIS:	61
Spiller Contact:	STATEWIDE INSTALLERS
Spiller Phone:	(516) 789-3300
Spiller Extention:	Not reported
Spiller Name:	DIPLOMAT APARTMENTS

DIPLOMAT APARTMENTS (Continued) **S103941143**

Spiller Address: 1829 CATON AVENUE
Spiller City,St,Zip: BROOKLYN
Spiller Cleanup Date: / /
Facility Contact: STATEWIDE INSTALLERS
Facility Phone: (516) 789-3300
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-284971
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/14/99
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 06/07/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 5000
Test Method: USTest 2000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: The address is incorrect there is no such street in Brooklyn). I called Jerry Kasper Tank Testor asked him to send the tank test results to DEC. He said their company does not sent the results, but leaves it up to owner. 5/21/1999 The facility has a 5,000 gallon tank. Spoke to Chuck Pedano 5/21/1999 who will fax a copy of the owner/address and tank test after they get in touch with the tank owner. DEC SIGONA) RECEIVED COPY OF TANK TEST REPORT on May 21, 1999. After receiving copy of tanktest found actual address of facility and facility owner. Found the PBS registration which listed the tank contents as 6 fuel oil. Contacted property owner Mr. Ed Kurt) at 718)769-4687 who agreed to send follow-up tank test report, and information on leak. According to Mr. Kurt , the leak was in the vent pipe which will be welded and repaired. The tank test results and repair will be sent to DEC. DEC Sigona) will send a letter to property owner on 6/7/1999.
Spill Cause: GROSS FAILURE OF TANK TEST

199 South 1/4-1/2 0.269 mi. 1423 ft. | **MACY'S, CALDOR SITE**
TILDEN AVE @ FLATBUSH AVE
BROOKLYN, NY | **LTANKS**
HIST LTANKS | **S101341205**
N/A

Relative: Lower

Actual: 38 ft.

LTANKS:

Site ID:	124633
Spill No:	9411674
Spill Date:	12/1/1994
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/1/1998
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	12/1/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/12/1995
Spill Record Last Update:	5/1/1998
Spiller Name:	Not reported
Spiller Company:	FOREST RATNER
Spiller Address:	1 METROTECH PLAZA
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	107916
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" SEE FILE. SEE ALSO 94-12285, 94-10843, 94-09317, PIN SP93896, 94-09358, 94-09244.
Remarks:	FOUND TWO UNDERGROUND TANKS IN EXCAVATION -550 GALLON SIZE -HIGH MAKE READINGS SOIL -SAID TO BE DRUMMED AND CLEAN READINGS REPORTED AS TO ANY FURTHER SOIL.

Material:

Site ID:	124633
Operable Unit ID:	1005379
Operable Unit:	01
Material ID:	374011
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons

MACY'S, CALDOR SITE (Continued) **S101341205**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9411674
Spill Date: 12/01/1994
Spill Time: 14:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/01/98
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TIBBE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/01/94
Reported to Department Time: 15:22
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: FOREST RATNER
Spiller Address: 1 METROTECH PLAZA
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Affected Persons
PBS Number: Not reported
Last Inspection: / /

MACY'S, CALDOR SITE (Continued) **S101341205**

Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/12/95
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/01/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: SEE FILE. SEE ALSO 94-12285, 94-10843, 94-09317, PIN SP93896, 94-09358, 94-09244.
Spill Cause: FOUND TWO UNDERGROUND TANKS IN EXCAVATION -550 GALLON SIZE -HIGH MAKE READINGS SOIL -SAID TO BE DRUMMED AND CLEAN READINGS REPORTED AS TO ANY FURTHER SOIL.

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200 NNE 1/4-1/2 0.274 mi. 1447 ft. | **APARTMENT BUILDING 130 LENOX RD BROOKLYN, NY** | **LTANKS** | **S109374761 N/A**

Relative: Higher

Actual: 56 ft.

LTANKS:
Site ID: 405821
Spill No: 0808428
Spill Date: 10/27/2008
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: MXAJOKU
Referred To: Not reported
Reported to Dept: 10/27/2008

APARTMENT BUILDING (Continued) **S109374761**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	10/27/2008
Spill Record Last Update:	10/29/2008
Spiller Name:	PATRICK JAMES
Spiller Company:	PATRICK JAMES
Spiller Address:	130 LENOX RD
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	999
Spiller Contact:	PATRICK JAMES
Spiller Phone:	(917) 601-9848
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	355079
DEC Memo:	PBS 2-603860 TTF letter sent to: 130 Realty LLC 1903 Ave U P.O. Box 372 Homecrest Station Brooklyn, NY 11229-0372
Remarks:	A locator plus test showed a failure on above tank. No product was lost and no resources were affected.

Material:

Site ID:	405821
Operable Unit ID:	1162431
Operable Unit:	01
Material ID:	2153688
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

201 ESE 1/4-1/2 0.287 mi. 1513 ft. | **PUBLIC SCHOOL 246**
72 VERONICA PL
BROOKLYN, NY | **LTANKS**
HIST LTANKS | **S104621514**
N/A

Relative: Lower

Actual: 46 ft.

LTANKS:

Site ID:	68676
Spill No:	0001293
Spill Date:	5/2/2000
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/4/2006
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	AJWHITE
Referred To:	Not reported
Reported to Dept:	5/2/2000
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/2/2000
Spill Record Last Update:	1/30/2006
Spiller Name:	JAMES MERLO
Spiller Company:	NYC DEPT OF EDUCATION
Spiller Address:	44-36 VERNON BLVD
Spiller City,St,Zip:	LONG ISLAND CITY, NY 11101-
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	65386
DEC Memo:	12/8/2005: James Merlo, the coordinator for NYC Schools contacted Joe White with information. Mr. Merlo is trying to located the closure report for this site. If he is unable to locate the report he may send in a certification that the work has been completed to close out the spill. 12/16/2005: Joe White checked the PBS database and the 15000 gal tank was closed in place as of 8/1/2004. We need to obtain the report for this closure. 01/04/2006: The PBS database has PBS# 2-355364 tank 1 documented as closed in place per date of 8/1/2004 which is subsequent to the date of this spill report. No quantity was listed in this spill report with the tank test failure. Therefore the closed out documentation in the PBS database is sufficient in closing out this spill. 1/30/2006: Joe White received a closure report for this spill indicating that are criteria were met and no further work was required. The report is from the Lewis Berger Group, Inc and is dated January 13,2006. It has been scanned into the DEC electronic filing system.
Remarks:	Caller tested tank. Tank failed. PBS not available at time of call.

PUBLIC SCHOOL 246 (Continued) **S104621514**

Material:

Site ID:	68676
Operable Unit ID:	823213
Operable Unit:	01
Material ID:	289515
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	68676
Spill Tank Test:	1525544
Tank Number:	1
Tank Size:	15000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

HIST LTANKS:

Region of Spill:	2
Spill Number:	0001293
Spill Date:	05/02/2000
Spill Time:	13:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	05/02/00
Reported to Department Time:	13:48
SWIS:	61
Spiller Contact:	CALLER
Spiller Phone:	( ) -

PUBLIC SCHOOL 246 (Continued) **S104621514**

Spiller Extention: Not reported
Spiller Name: BOARD OF ED
Spiller Address: 72 VERONICA PL
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: CALLER
Facility Phone: ( ) -
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/02/00
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/31/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 15000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
PBS Number: Not reported
Tank Number: 1
Tank Size: 15000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: caller tested tank. tank failed. pbs not available at time of call.

202 SSE 1/4-1/2 0.288 mi. 1521 ft. | **FORMER GAS STATION 2340 BEDFORD AVE BROOKLYN, NY** | **LTANKS NY Hist Spills** | **S103569780 N/A**

Relative: Lower

Actual: 38 ft.

LTANKS:

Site ID:	321230
Spill No:	9606917
Spill Date:	8/30/1996
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/14/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	TLDiaz
Referred To:	Not reported
Reported to Dept:	8/30/1996
CID:	270
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	8/30/1996
Spill Record Last Update:	3/31/2006
Spiller Name:	STANLEY COHEN
Spiller Company:	HPD
Spiller Address:	100 GOLD ST
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	ROMEO
Spiller Phone:	(718) 322-5600
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	258784
DEC Memo:	1/7/04 This spill was reassigned from DEC Sigona to Rommel. 7/14/05 Diaz - Site visit revealed that 2340 Bedford Ave is now a Sears parking lot. All listed phone numbers on spill report are no longer valid.
Remarks:	Very old tanks in ground being removed and contaminated soil discovered

Material:

Site ID:	321230
Operable Unit ID:	1038042
Operable Unit:	01
Material ID:	563950
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons

FORMER GAS STATION (Continued) **S103569780**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 9606917
Investigator: SIGONA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 08/30/1996 07:30
Reported to Dept Date/Time: 08/30/96 09:56
SWIS: 61
Spiller Name: HPD
Spiller Contact: STANLEY COHEN
Spiller Phone: (212) 386-8685
Spiller Contact: ROMEO
Spiller Phone: (718) 322-5600
Spiller Address: 100 GOLD ST
Spiller City,St,Zip: NEW YORK, NY
Spill Cause: Other
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /

FORMER GAS STATION (Continued) **S103569780**

Date Spill Entered In Computer Data File: 08/30/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 09/23/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: very old tanks in ground being removed and contaminated soil discovered

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203
WSW
1/4-1/2
0.295 mi.
1556 ft.

100 EAST 18TH ST
100 EAST 18TH ST
BROOKLYN, NY

LTANKS **S103517554**
HIST LTANKS **N/A**
AST
HIST AST

Relative:
Higher

Actual:
49 ft.

LTANKS:
Site ID: 267797
Spill No: 9415189
Spill Date: 2/20/1995
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 1/26/2004
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 2/20/1995
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 3/27/1995
Spill Record Last Update: 1/26/2004

100 EAST 18TH ST (Continued) **S103517554**

Spiller Name:	Not reported
Spiller Company:	MYSTIC TRANSPORTATION
Spiller Address:	1901 STEINWAY ST
Spiller City,St,Zip:	ASTORIA, NY 11105
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218159
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN" 1/26/04 - AUSTIN - MINOR SURF. SPILL - CLOSED - ORIG. ASSIGNED TO ENGELHARDT - END
Remarks:	DRIVER OVERFILLED TANK - CURRENTLY ATTENPTING TO CLEAN UP

Material:

Site ID:	267797
Operable Unit ID:	1012538
Operable Unit:	01
Material ID:	370372
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9415189
Spill Date:	02/20/1995
Spill Time:	09:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /

100 EAST 18TH ST (Continued) **S103517554**

Cleanup Meets Standard:	False
Investigator:	ENGELHARDT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	02/20/95
Reported to Department Time:	09:22
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	MYSTIC TRANSPORTATION
Spiller Address:	1901 STEINWAY ST
Spiller City,St,Zip:	ASTORIA, NEW YORK
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 932-9075
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	03/27/95
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	12/24/98
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	5
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#6 FUEL OIL
Class Type:	#6 FUEL OIL
Times Material Entry In File:	2190
CAS Number:	Not reported
Last Date:	19940728

100 EAST 18TH ST (Continued) **S103517554**

DEC Remarks: Not reported
Spill Cause: DRIVER OVERFILLED TANK - CURRENTLY ATTENPTING TO CLEAN UP

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-090840
Program Type:	PBS
UTM X:	587724.49262000003
UTM Y:	4500207.9455899997
Expiration Date:	2014/01/02

Affiliation Records:

Site Id:	2240
Affiliation Type:	Mail Contact
Company Name:	NOTEM REALTY CO, LLC
Contact Type:	Not reported
Contact Name:	EDWARD RABIN, MEMBER
Address1:	C/O RABIN MGMT
Address2:	9920 4TH AVE-SUITE 302
City:	BROOKLYN
State:	NY
Zip Code:	11209
Country Code:	001
Phone:	(718) 748-0075
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	12/20/2006

Site Id:	2240
Affiliation Type:	On-Site Operator
Company Name:	100 EAST 18TH ST
Contact Type:	Not reported
Contact Name:	ANTONIO MALDONADO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 484-7983
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	12/20/2006

Site Id:	2240
Affiliation Type:	Owner
Company Name:	NOTEM REALTY CO, LLC.
Contact Type:	MEMBER
Contact Name:	EDWARD RABIN
Address1:	9920 4TH AVE SUITE 302
Address2:	Not reported

100 EAST 18TH ST (Continued) **S103517554**

City:	BROOKLYN
State:	NY
Zip Code:	11209
Country Code:	001
Phone:	(718) 748-0075
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	12/20/2006

Site Id:	2240
Affiliation Type:	Emergency Contact
Company Name:	NOTEM REALTY CO EDWARD M RABIN D/B/A
Contact Type:	Not reported
Contact Name:	EDWARD M. RABIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 748-0075
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	3550
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/21/1931
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	12/20/2006

HIST AST:

PBS Number:	2-090840
SWIS Code:	6101
Operator:	ANTONIO MALDONADO
Facility Phone:	(718) 940-7291
Facility Addr2:	100 EAST 18TH ST
Facility Type:	Not reported
Emergency:	EDWARD M RABIN

100 EAST 18TH ST (Continued) **S103517554**

Emergency Tel:	(718) 748-0075
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NOTEM REALTY CO EDWARD M RABIN D/B/A
Owner Address:	9920 4TH AVE-SUITE 302
Owner City,St,Zip:	BROOKLYN, NY 11209
Federal ID:	Not reported
Owner Tel:	(718) 748-0075
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	NOTEM REALTY CO
Mailing Address:	EDWARD M RABIN D/B/A
Mailing Address 2:	9920 4TH AVE-SUITE 302
Mailing City,St,Zip:	BROOKLYN, NY 11209
Mailing Telephone:	(718) 748-0075
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	True
Certification Date:	Not reported
Expiration:	03/10/2007
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	3000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported

100 EAST 18TH ST (Continued) **S103517554**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AY204 **SEARS AUTO CENTER #114** **LTANKS** **S107523307**
SSE **2359 BEDFORD AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.320 mi.
1691 ft. **Site 1 of 2 in cluster AY**

Relative:
Lower

Actual:
36 ft.

LTANKS:

Site ID:	357655
Spill No:	0511489
Spill Date:	1/4/2006
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/3/2006
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	1/4/2006
CID:	408
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/4/2006
Spill Record Last Update:	3/3/2006
Spiller Name:	BRUCE KAYE
Spiller Company:	SEARS AUTO CENTER #114
Spiller Address:	2359 BEDFORD AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	BRUCE KAYE
Spiller Phone:	(847) 286-7810
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	70181
DEC Memo:	1/5/06-Hiralkumar Patel. This spill has already reported before and the old case number is 0501111. Here is the details of that case. ********** ********** Tank Test Failure Letter sent to PBS Address: PBS #2-608750 Sears, Roebuck and Co. 3333 Beverly Road Hoffman Estates, IL 60179 Attn: Scott Demuth 06.29.05//SR..Sharif spoke with George Williams. He said they will fix the tank tomorrow and send all relevant documents to DEC.Sent a letter, again. 10.06.05

SEARS AUTO CENTER #114 (Continued) **S107523307**

SR// Rec'd a letter and tank test fail report from James Lucci,978-834-0798 saying that they will take out the tank and currently working with the bids.
****
********** 1/5/06-Hiralkumar Patel. I spoke with Mr. David at LFR Inc.. when they dig out tank, they found hole at bottom of the tank and contamination at supply pipe. FAx. to David : (847) 695-7799 I got call from Maria Haffer at LFR Inc. She is the person who is investigating the site. they have dug out soil and filled in roll container convered with plastic. they going to investigate this soil soon. Contact information: Maria Haffer 35 Columbia Road. Branchburc NJ 08876 PH. (908)526-1000 (o) (905)500-1482 (c) FAx.(908)526-7886 She will send me a report from laboratory, once she get it. 1/10/05-Vought-Received call from DEC Patel that he was contacted by Haffer during his training out of region. Vought returned call and spoke to Haffer and heating oil tank was removed. Lab samples will be sent in for EPA Methods 8260/8270 and report will be received to DEC by 3/1/05. 02/24/06-Hiralkumar Patel. Left message for Maria at LFR 02/27/06-Hiralkumar Patel. Spoke with Ms. Haffer and she will email me lab results. 02/28/06-Hiralkumar Patel. Received analytical data through email from Ms. Haffer. Abstracts of report: - six soil samples (UST-1, UST-2, UST-3, UST-4, UST-8 & UST-9) and two water sample (trip blank & field blank) - no VOCs found in any sample, SVOCs found in all six soil samples. following compounds are exceeding TGAM limit. - sample UST-8 : o-Xylene-> 7.4 ppb (MDL: 3.3) - sample UST-1 : Benzo[a]Pyrene -> 247 ppb (limit 61 ppb) - sample UST-2 : Benzo[a]anthracene -> 643 ppb (limit 224 ppb), Chrysene -> 847 ppb (limit 400 ppb), Benzo[a]pyrene -> 586 ppb, - sample UST-3 : Benzo[a]pyrene -> 239 ppb - sample UST-4 : Benzo[a]pyrene -> 173 ppb - sample UST-8 : Benzo[a]anthracene -> 570 ppb, Chrysene -> 820 ppb, Benzo[a]pyrene -> 624 ppb - sample UST-9 : Benzo[a]pyrene -> 182 ppb as this data doesn't contain site plan, i asked Ms. Haffter to send that. Received email from Maria and she is done with report and we will get it probably tomorrow. 03/02/06-Hiralkumar Patel. Received email from Ms. Haffer. she is waiting to get scrap metal receipt from subcontractor before sending hard copy of the report. she send me soft copy. Abstracts of report: - tightness test performed on Apr. 27, 2005, which was failed. - one corrosion hole was observed in center at bottom of tank. - upon removal of UST, the concrete pad was observed to be free of visible staining. - heavy surface corrosion and several small corrosion holes were observed in the supply piping near the connections to UST. - no impacted soil was observed beneath the hole in UST, however, petroleum-impacted soil was observed at the east end of UST below the supply piping. - approx. 31 tons of petroleum-impacted soil was excavated from beneath the supply piping and transported to Clean Earth of Carteret, Inc. in NJ. - no VOCs were detected in samples. - on Dec. 30, 2005 LFR received work permit Job NO.: 302057967 from NYCDOB for UST closure. - NYSDEC was also notified in writing about tank closure. - UST was uncovered, accessed, and cleaned prior to removal from excavation. - appro. 150 gal of pumpable liquid was removed from UST to facilitate cleaning. liquid transported to New York Oil Recory, INc. in Brooklyn. - non-pumpable bottom sludge and wastewater generated during the UST cleaning activities were transported to Clean Earth of New Jersey, NJ - top of tank was located approx. 3.5 feet below surface grade. - the excavation extended to the Site building foundation to North, to the Stairwell leading to the basement and to active electrical utilities

SEARS AUTO CENTER #114 (Continued) **S107523307**

to the East, and to a large concrete vault for previously closed USTs to the South. there were no limiting factor to the West. - due to the proximity of nearby active subsurface utilities, approx. 8-10 ft supply piping had to be left in place. - this piping was drained then sealed with concrete at the interior boiler room wall and in the vicinity of active utilities. - cleaned UST and piping were transported to Hugo Neu Schnitzer East in Jersey City, NJ for disposal as scrap metal. - petroleum-impacted soils didn'g intersect the water table and the water table was not encountered during UST removal activities. - because the concrete pad, on which tank was located, was not visibly impacted and removal would have jeopardized the building foundation and nearly utilities, this structure was left in place. - soil samples UST-1 through UST-4 were collected from the base of UST excavation immediately adjacent to the four sides of subsurface concrete pad, approx. 9.5-10 ft bg. - soil sample UST-8 was collected immediately below the supply piping location, approx. 3.0-3.5 ft bgs, at the point where it was capped. - soil samples UST-9 was collected at the base of petroleum-impacted soil excavation, approx. 9.0-9.5 ft bgs. - excavation was backfilled to grade with the previously "clean" soils and with imported fill material provided by Redhook Crusher of Brookly, NY. - no VOCs were detected in samples. some SVOCs were out of limit. - if no. 2 fuel oil was the source of impacts, concentractions of lighter VOCs and SVOCs would also be present, which is not the case at this site. the data indicates that these elevated SVOCs are most likely related to commercial/industrial nature of the site and vicinity and not the operation of 5000 gal UST. 03/03/06-Hiralkumar Patel. Received final report from LFR. as contamination level is slightly higher than limit case is closed.

Remarks: TANK WAS PULLED TODAY AND A HOLE WAS FOUND IN THE TANK. THE TANK SIZE WAS 5000 GALLONS. MINOR AMOUNT OF SOIL CONTAMINATION WAS FOUND AT THE PIPE. THERE WAS ALSO A FAILED TANK TIGHTNESS DONE ON THIS TANK AND IT WAS REPORTED. HOWEVER,. THE CALLER DOES NOT HAVE THE SPILL NUMBER. THE ADDRESS IS THE SAME FOR BOPTH SPILL NUMBERS. HAS NOT BEEN CLEANED UP, SOIL WILL BE REMEDIATED TOMORROW

Material:

Site ID:	357655
Operable Unit ID:	1114930
Operable Unit:	01
Material ID:	2104987
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported

SEARS AUTO CENTER #114 (Continued) **S107523307**

Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AY205
SSE
1/4-1/2
0.320 mi.
1691 ft.

2359 BEDFORD AVE
BROOKLYN, NY

Site 2 of 2 in cluster AY

LTANKS **S104620970**
HIST LTANKS **N/A**

Relative:
Lower

Actual:
36 ft.

LTANKS:

Site ID:	344254
Spill No:	0501111
Spill Date:	4/27/2005
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/17/2006
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	4/27/2005
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/27/2005
Spill Record Last Update:	3/17/2006
Spiller Name:	GEORGE WILIAMS
Spiller Company:	SEARS AUTO CENTER
Spiller Address:	23-59 BENTFORD AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	GEORGE WILIAMS
Spiller Phone:	(718) 941-4321
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	70181
DEC Memo:	Tank Test Failure Letter sent to PBS Address: PBS #2-608750 Sears, Roebuck and Co. 3333 Beverly Road Hoffman Estates, IL 60179 Attn: Scott Demuth 06.29.05//SR..Sharif spoke with George Williams. He said they will fix the tank tomorrow and send all relevant documents to DEC.Sent a letter, again. 10.06.05 SR// Rec'd a letter and tank test fail report from James Lucci,978-834-0798 saying that they will take out the tank and currently working with the bids. 1/5/06-Hiralkumar Patel. Please refer case no. 0511489.
Remarks:	RECOMMEND: ISOLATE AND RETEST

(Continued) **S104620970**

Material:

Site ID:	344254
Operable Unit ID:	1102904
Operable Unit:	01
Material ID:	583124
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	344254
Spill Tank Test:	1548849
Tank Number:	1
Tank Size:	5000
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	4/27/2005
Test Method:	Unknown
Site ID:	344254
Spill Tank Test:	1548850
Tank Number:	Not reported
Tank Size:	0
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	4/27/2005
Test Method:	Horner EZ Check I or II

Site ID:	74885
Spill No:	0000124
Spill Date:	4/4/2000
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/4/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	4/4/2000
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party

(Continued) **S104620970**

Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/4/2000
Spill Record Last Update:	11/4/2003
Spiller Name:	CALLER
Spiller Company:	SEARS.
Spiller Address:	2359 BEDFORD AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	70181
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER" 10/1/03 1030 Hrs - Sawyer - Zhao and I went to the Sears located on Beverly Avenue to do a site a PBS inspection. This inspection was to separte the confusion between tanks listed at the Sears and tanks listed across the street at the Sears Auto Center. There was no evidence of spills, but the 7500 gallon tank was removed and three 275 gallon tanks had been installed at the Auto Center. None of this activity was reported to DEC. The file was forwarded to PBS for action. Closed.
Remarks:	tank failed test.

Material:

Site ID:	74885
Operable Unit ID:	821835
Operable Unit:	01
Material ID:	288394
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	74885
Spill Tank Test:	1525445
Tank Number:	002
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

(Continued) **S104620970**

HIST LTANKS:

Region of Spill:	2
Spill Number:	0000124
Spill Date:	04/04/2000
Spill Time:	11:48
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SACCACIO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	04/04/00
Reported to Department Time:	11:48
SWIS:	61
Spiller Contact:	CALLER
Spiller Phone:	( ) -
Spiller Extention:	Not reported
Spiller Name:	SEARS.
Spiller Address:	2359 BEDFORD AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	CALLER
Facility Phone:	( ) -
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	2-400130
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	04/04/00
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	04/04/00
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	002
Tank Size:	5000
Test Method:	Horner EZ Check
Leak Rate Failed Tank:	0.00

(Continued) **S104620970**

Gross Leak Rate:	Not reported
PBS Number:	Not reported
Tank Number:	002
Tank Size:	5000
Test Method:	Horner EZ Check
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464
CAS Number:	Not reported
Last Date:	19941207
DEC Remarks:	Not reported
Spill Cause:	tank failed test.

206
East
1/4-1/2
0.339 mi.
1792 ft.

5 LLOYD ST **LTANKS** **S102672158**
5 LLOYD ST **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
51 ft.

LTANKS:

Site ID:	268287
Spill No:	9301116
Spill Date:	4/23/1993
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt:	4/23/1993
Facility Addr2:	Not reported
Cleanup Ceased:	4/23/1993
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	4/23/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/27/1993
Spill Record Last Update:	7/20/1993
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NY

5 LLOYD ST (Continued) **S102672158**

Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218540
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	CUST ORDERED 125 GALS & TANK RAN OVER FROM VENT AT 120 GALS ONTO CONCR AREA & SIDEWALK IN BACKYARD-SPEEDI-DRI APPLIED WILL P/U & DISPOSE

Material:

Site ID:	268287
Operable Unit ID:	979715
Operable Unit:	01
Material ID:	401845
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9301116
Spill Date:	04/23/1993
Spill Time:	09:15
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt:	04/23/93
Cleanup Ceased:	04/23/93
Cleanup Meets Standard:	True
Investigator:	TANG
Caller Name:	Not reported

5 LLOYD ST (Continued) **S102672158**

Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	04/23/93
Reported to Department Time:	09:47
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	04/27/93
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	07/20/93
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	5
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464
CAS Number:	Not reported
Last Date:	19941207
DEC Remarks:	Not reported
Spill Cause:	CUST ORDERED 125 GALS TANK RAN OVER FROM VENT AT 120 GALS ONTO CONCR AREA SIDEWALK IN BACKYARD-SPEEDI-DRI APPLIED WILL P/U DISPOSE

207 ESE 1/4-1/2 0.352 mi. 1861 ft.

927 ROGERS AVENUE
927 ROGERS AVENUE
BROOKLYN, NY

LTANKS **S102673166**
HIST LTANKS **N/A**

Relative: Lower

Actual: 44 ft.

LTANKS:

Site ID:	164537
Spill No:	9512313
Spill Date:	1/2/1996
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/2/1996
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1/2/1996
CID:	266
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/2/1996
Spill Record Last Update:	1/22/1996
Spiller Name:	PETER LEPORE
Spiller Company:	WHALECO FUEL OIL
Spiller Address:	1 COFFEY STREET
Spiller City,St,Zip:	BROOKLYN, NY 11231-
Spiller County:	001
Spiller Contact:	CARLTON LINTON
Spiller Phone:	(718) 462-4701
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	138727
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Remarks:	HOUSE IS VACANT. DRIVER DELIVERED OIL ANYWAY. SPILLED ONTO CEMENT. CLEANED UP.

Material:

Site ID:	164537
Operable Unit ID:	1023270
Operable Unit:	01
Material ID:	356065
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported

927 ROGERS AVENUE (Continued) **S102673166**

Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9512313
Spill Date: 01/02/1996
Spill Time: 11:30
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 01/02/96
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: KRIMGOLD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 01/02/96
Reported to Department Time: 13:08
SWIS: 61
Spiller Contact: CARLTON LINTON
Spiller Phone: (718) 462-4701
Spiller Extention: Not reported
Spiller Name: WHALECO FUEL OIL
Spiller Address: 1 COFFEY STREET
Spiller City,St,Zip: BROKKLYN, NY 11231-
Spiller Cleanup Date: / /
Facility Contact: PETER LEPORE
Facility Phone: (718) 852-7000
Facility Extention: 522
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /

927 ROGERS AVENUE (Continued) **S102673166**

Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/02/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/22/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 1
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: HOUSE IS VACANT. DRIVER DELIVERED OIL ANYWAY. SPILLED ONTO CEMENT. CLEANED UP.

AZ208 **305 OCEAN AVE** **LTANKS** **S102671723**
NW **305 OCEAN AVE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.354 mi.
1869 ft. **Site 1 of 3 in cluster AZ**

Relative:
Higher

Actual:
58 ft.

LTANKS:
Site ID: 154207
Spill No: 9104992
Spill Date: 8/8/1991
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 8/8/1991
Facility Addr2: Not reported
Cleanup Ceased: 8/8/1991
Cleanup Meets Standard: True
SWIS: 2401
Investigator: WILSON
Referred To: Not reported
Reported to Dept: 8/8/1991
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported

305 OCEAN AVE (Continued) **S102671723**

Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/12/1991
Spill Record Last Update:	9/10/1991
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	130782
DEC Memo:	Not reported
Remarks:	CONTAINED ON SIDEWALK; WILL PICK UP AND DISPOSE.

Material:

Site ID:	154207
Operable Unit ID:	959186
Operable Unit:	01
Material ID:	424036
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9104992
Spill Date:	08/08/1991
Spill Time:	13:50
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Not reported

305 OCEAN AVE (Continued) **S102671723**

Spill Closed Dt:	08/08/91
Cleanup Ceased:	08/08/91
Cleanup Meets Standard:	True
Investigator:	WILSON
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	08/08/91
Reported to Department Time:	14:11
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	08/12/91
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	09/10/91
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	10
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#6 FUEL OIL
Class Type:	#6 FUEL OIL
Times Material Entry In File:	2190

305 OCEAN AVE (Continued) **S102671723**

CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: CONTAINED ON SIDEWALK; WILL PICK UP AND DISPOSE.

AZ209 **297 OCEAN AVENUE** **LTANKS** **S102960503**
NW **297 OCEAN AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY** **AST**
0.355 mi. **HIST AST**
1877 ft. **Site 2 of 3 in cluster AZ**

Relative:
Higher

Actual:
58 ft.

LTANKS:

Site ID:	171930
Spill No:	9711003
Spill Date:	12/30/1997
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/31/1997
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	LUCE
Referred To:	Not reported
Reported to Dept:	12/31/1997
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/31/1997
Spill Record Last Update:	1/15/1998
Spiller Name:	CALLER
Spiller Company:	GOTHAM PETRO
Spiller Address:	245 RUSSELL ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	(718) 389-8100
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	144703
DEC Memo:	Not reported
Remarks:	caller stated that driver put more oil in than called for.

Material:

Site ID:	171930
Operable Unit ID:	1057391
Operable Unit:	01
Material ID:	329273
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported

297 OCEAN AVENUE (Continued) **S102960503**

Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9711003
Spill Date:	12/30/1997
Spill Time:	16:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/31/97
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	LUCE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/31/97
Reported to Department Time:	11:13
SWIS:	61
Spiller Contact:	CALLER
Spiller Phone:	(718) 389-8100
Spiller Extention:	Not reported
Spiller Name:	GOTHAM PETRO
Spiller Address:	245 RUSSELL ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	CALLER
Facility Phone:	(718) 389-8100
Facility Extention:	Not reported

297 OCEAN AVENUE (Continued) **S102960503**

Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/31/97
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/15/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 11:16-PER ROSENBERG-CLEAN UP FINISHED. NO DEC. ACTION RQRD.
Spill Cause: caller stated that driver put more oil in than called for.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-216232
Program Type: PBS
UTM X: 587783.89804
UTM Y: 4501032.8125999998
Expiration Date: 2012/10/15

Affiliation Records:
Site Id: 8122
Affiliation Type: Owner
Company Name: 297 REALTY L.L.C.
Contact Type: MANAGING AGENT
Contact Name: STEVEN FOX
Address1: PO BOX 030-372 RUGBY STATION
Address2: Not reported
City: BROOKLYN
State: NY

297 OCEAN AVENUE (Continued) **S102960503**

Zip Code:	11203
Country Code:	001
Phone:	(718) 941-1300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/13/2009

Site Id:	8122
Affiliation Type:	Mail Contact
Company Name:	JLM REALTY CORP.
Contact Type:	Not reported
Contact Name:	STEVEN FOX
Address1:	P.O. BOX 030-372
Address2:	RUGBY STATION
City:	BROOKLYN
State:	NY
Zip Code:	11203
Country Code:	001
Phone:	(718) 941-1300
Phone Ext:	Not reported
Email:	JLMREALTYCORP@VERIZON.NET
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/13/2009

Site Id:	8122
Affiliation Type:	Emergency Contact
Company Name:	297 REALTY L.L.C.
Contact Type:	Not reported
Contact Name:	STEVEN FOX
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 941-1300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/13/2009

Site Id:	8122
Affiliation Type:	On-Site Operator
Company Name:	297 OCEAN AVE
Contact Type:	Not reported
Contact Name:	CURTIS EMMANUEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 663-4835

297 OCEAN AVENUE (Continued) **S102960503**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/13/2009

Tank Info:

Tank Number:	001
Tank Id:	22355
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1924
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	8/7/2007

HIST AST:

PBS Number:	2-216232
SWIS Code:	6101
Operator:	CORNELIUS MOULTON
Facility Phone:	(718) 856-5127
Facility Addr2:	297 OCEAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	CORNELIUS MOULTON
Emergency Tel:	(718) 856-5127
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	297 REALTY L.L.C.
Owner Address:	1110 FLATBUSH AVE
Owner City,St,Zip:	BROOKLYN, NY 11226
Federal ID:	Not reported
Owner Tel:	(718) 941-1300
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	297 REALTY L.L.C.
Mailing Address:	1110 FLATBUSH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11226
Mailing Telephone:	(718) 941-1300
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False

297 OCEAN AVENUE (Continued) **S102960503**

Certification Date:	10/03/1997
Expiration:	10/15/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

210
WNW
1/4-1/2
0.366 mi.
1931 ft.

27 CROOKE AVE/BROOKLYN **HIST LTANKS** **S100146682**
27 CROOKE AVENUE **AST** **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
55 ft.

HIST LTANKS:

Region of Spill:	2
Spill Number:	9010645
Spill Date:	01/04/1991
Spill Time:	15:00
Spill Cause:	Tank Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial

27 CROOKE AVE/BROOKLYN (Continued) **S100146682**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/04/91
Reported to Department Time:	17:30
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	27 CROOKE AVE
Spiller Address:	27 CROOKE AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 436-0900
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	02/08/91
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	03/11/99
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Pounds
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#6 FUEL OIL

27 CROOKE AVE/BROOKLYN (Continued) **S100146682**

Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 3/11/99 ORIGINALLY ASSIGNED TO TANG. TRANSFERRED TO TIBBE WITH FILE. SMM.
Spill Cause: 10K UST,WHEN CLEANING TANK SPILL WAS DISCOVERED,BOB DECK SAID OIL IS IN SOIL,TANK CEMENT LINING IS BROKEN OR PROBABLE LEAK,NO IMMEDIATE DANGER,TANK 10YRS OLD,DEC TO INVESTIGATE.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-600112
Program Type: PBS
UTM X: 587595.76314000005
UTM Y: 4500623.0976299997
Expiration Date: 2011/05/20

Affiliation Records:
Site Id: 22097
Affiliation Type: On-Site Operator
Company Name: 27 CROOKE AVE
Contact Type: Not reported
Contact Name: POSITIVE HEATING
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 629-4000
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22097
Affiliation Type: Owner
Company Name: 18-30 REALTY CO LLC
Contact Type: OWNER - MANAGER
Contact Name: MARGARETA MILLER
Address1: 1502 47 STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11219
Country Code: 001
Phone: (718) 854-1400
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 3/8/2006

Site Id: 22097

27 CROOKE AVE/BROOKLYN (Continued) **S100146682**

Affiliation Type:	Mail Contact
Company Name:	18-30 REALTY CO LLC
Contact Type:	Not reported
Contact Name:	MARGARETA MILLER
Address1:	1205 47 STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 854-1400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	22097
Affiliation Type:	Emergency Contact
Company Name:	18-30 REALTY CO LLC
Contact Type:	Not reported
Contact Name:	POSITIVE HEATING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 629-4000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	171384
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	11/1/1990
Capacity Gallons:	5000
Tightness Test Method:	ZZ
Date Test:	11/1/1990
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

211 ESE 1/4-1/2 0.369 mi. 1951 ft. | **NYC POLICE DEPT #67**
2820 SNYDER AV
BROOKLYN, NY | **LTANKS**
HIST LTANKS
NY Spills
NY Hist Spills | **S102234532**
N/A

Relative:
Equal

Actual:
48 ft.

LTANKS:

Site ID:	218399
Spill No:	9514352
Spill Date:	2/9/1996
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/14/1996
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	GUTIERREZ
Referred To:	Not reported
Reported to Dept:	2/9/1996
CID:	282
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/9/1996
Spill Record Last Update:	1/3/2005
Spiller Name:	Not reported
Spiller Company:	PETRO COMMANDER
Spiller Address:	36-16 19 TH AV
Spiller City,St,Zip:	ASTORIA, NY
Spiller County:	001
Spiller Contact:	OFFICER FENELLI
Spiller Phone:	(718) 287-3205
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	94179
DEC Memo:	Not reported
Remarks:	tank was overfilled.tank was 10,000 gallons.order was for 5500 gallons and the tank overfilled.they have a crew enroute to cleanup the spill.

Material:

Site ID:	218399
Operable Unit ID:	1028898
Operable Unit:	01
Material ID:	354480
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

NYC POLICE DEPT #67 (Continued) **S102234532**

Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9514352
Spill Date: 02/09/1996
Spill Time: 16:45
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/14/96
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: GUTIERREZ
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 02/09/96
Reported to Department Time: 17:19
SWIS: 61
Spiller Contact: OFFICER FENELLI
Spiller Phone: (718) 287-3205
Spiller Extention: Not reported
Spiller Name: PETRO COMMANDER
Spiller Address: 36-16 19 TH AV
Spiller City,St,Zip: ASTORIA, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 545-4500
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /

NYC POLICE DEPT #67 (Continued) **S102234532**

Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/09/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/14/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: MMM took spill in off hours, Coastal sent crew over to clean up, put dry ol down. Spill outside by vent pipe, no oil in basement, referred to DGS monitors for follow up. CGM followed up, wrote that spill was cleaned up very well. Spill didn t run into sewer, speedy dry was drummed and properly transported, no remaining odors or stains.
Spill Cause: tank was overfilled.tank was 10,000 gallons.order was for 5500 gallons and the tank overfilled.they have a crew enroute to cleanup the spill.

NY Spills:
Site ID: 107061
Facility Addr2: Not reported
Facility ID: 9604849
Spill Number: 9604849
Facility Type: ER
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported
Spill Date: 7/15/1996
Reported to Dept: 7/15/1996
CID: 322
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended

NYC POLICE DEPT #67 (Continued) **S102234532**

UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/4/2003
Remediation Phase:	0
Date Entered In Computer:	7/15/1996
Spill Record Last Update:	12/22/2004
Spiller Name:	BRIAN COSTELLO
Spiller Company:	NYPD 67 PRECINCT
Spiller Address:	2820 SNYDER AVE
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller Company:	001
Contact Name:	BRIAN COSTELLO
Contact Phone:	(516) 249-3150
DEC Region:	2
DER Facility ID:	94179
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD" 08/04/03. Remediation has been completed. See file for detailes. NFA. YK
Remarks:	tank pulled 5/8/96 - results back today show above nys guidance consentrations

Material:

Site ID:	107061
Operable Unit ID:	1032485
Operable Unit:	01
Material ID:	347603
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	218398
Facility Addr2:	Not reported
Facility ID:	0112059
Spill Number:	0112059
Facility Type:	ER
SWIS:	2401
Investigator:	JMKRIMGO

NYC POLICE DEPT #67 (Continued) **S102234532**

Referred To:	Not reported
Spill Date:	3/22/2002
Reported to Dept:	3/22/2002
CID:	281
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/12/2004
Remediation Phase:	0
Date Entered In Computer:	3/22/2002
Spill Record Last Update:	12/22/2004
Spiller Name:	Not reported
Spiller Company:	CITY OF NEW YORK
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	BOB ABRAMO
Contact Phone:	(718) 967-7377
DEC Region:	2
DER Facility ID:	94179
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD" Gem Star Constr. Excavated contaminated soil to a feasible extent and took post excavation samples. Samples seemed clean. No PID hits. 3/28/02. According to the soil analytical results, minimal residual contamination above TAGM numbers left in soil. However, it can't be removed do to the construction constraints. NFA.
Remarks:	SOIL CONTAMINATION DISCOVERED AT ABOVE LOCATION DURING TANK REMOVAL. TANK HAS BEEN REMOVED AND CALLER IS REQUESTING TO SPEAK TO REGIONAL OFFICE IN REFERENCE TO THE SITUATION.

Material:

Site ID:	218398
Operable Unit ID:	850873
Operable Unit:	01
Material ID:	526072
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported

NYC POLICE DEPT #67 (Continued) **S102234532**

Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:
Region of Spill: 2
Spill Number: 9604849
Investigator: KRIMGOLD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/15/1996 08:00
Reported to Dept Date/Time: 07/15/96 08:33
SWIS: 61
Spiller Name: NYPD 67 PRECINCT
Spiller Contact: BRIAN COSTELLO
Spiller Phone: (516) 249-3150
Spiller Contact: BRIAN COSTELLO
Spiller Phone: (516) 249-3150
Spiller Address: 2820 SNYDER AVE
Spiller City,St,Zip: BROOKLYN
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 02
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/15/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 04/26/01
Is Updated: False

Tank:

NYC POLICE DEPT #67 (Continued) **S102234532**

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: tank pulled 5/8/96 - results back today show above nys guidance consentrations

Region of Spill: 2
Spill Number: 9614328
Investigator: MARTINKAT
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 03/11/1997 09:00
Reported to Dept Date/Time: 03/11/97 09:08
SWIS: 61
Spiller Name: COASTAL OIL
Spiller Contact: GARLAND MCARDLE
Spiller Phone: (718) 746-2458
Spiller Address: 31-70 COLLEGE POINT BLVD
Spiller City,St,Zip: FLUSHING, NY
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 02
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/11/97
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /

NYC POLICE DEPT #67 (Continued) **S102234532**

Date Spill Entered In Computer Data File: 03/11/97
Date Spill Entered In Computer Data File: Not reported
Update Date: 03/14/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Remark: PIPING PROBLEM INVOLVED - SPILL IS CONTAINED AND COASTAL OIL IN THE PROCESS OF CLEAN UP NOW

212
SSW
1/4-1/2
0.370 mi.
1953 ft.

716 OCEAN AVENUE **LTANKS** **S102240143**
716 OCEAN AVENUE **HIST LTANKS** **N/A**
BROOKLYN, NY **NY Spills**
NY Hist Spills

Relative:
Lower

Actual:
35 ft.

LTANKS:
Site ID: 148027
Spill No: 9512424
Spill Date: 1/5/1996
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 1/5/1996
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1/5/1996
CID: 216
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/5/1996

716 OCEAN AVENUE (Continued) **S102240143**

Spill Record Last Update:	2/5/1996
Spiller Name:	PETER LEPORE
Spiller Company:	WHALECO
Spiller Address:	1 COFFEY STREET
Spiller City,St,Zip:	BROOKLYN, NY 11231-
Spiller County:	001
Spiller Contact:	KING MANAGEMENT
Spiller Phone:	(718) 237-9077
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	126004
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	small spillage backed out of the line after they tried to blow it out area was cleaned up by callers fuel company

Material:

Site ID:	148027
Operable Unit ID:	1026647
Operable Unit:	01
Material ID:	356169
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9512424
Spill Date:	01/05/1996
Spill Time:	08:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	01/05/96

716 OCEAN AVENUE (Continued) **S102240143**

Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	MARTINKAT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/05/96
Reported to Department Time:	08:48
SWIS:	61
Spiller Contact:	KING MANAGEMENT
Spiller Phone:	(718) 237-9077
Spiller Extention:	Not reported
Spiller Name:	WHALECO
Spiller Address:	1 COFFEY STREET
Spiller City,St,Zip:	BROOKLYN, NY 11231-
Spiller Cleanup Date:	/ /
Facility Contact:	PETER LEPORE
Facility Phone:	(718) 852-7000
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/05/96
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	02/05/96
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	1
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	1
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464
CAS Number:	Not reported

716 OCEAN AVENUE (Continued) **S102240143**

Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: small spillage backed out of the line after they tried to blow it out area was cleaned up by callers fuel company

NY Spills:
Site ID: 113747
Facility Addr2: Not reported
Facility ID: 9602982
Spill Number: 9602982
Facility Type: ER
SWIS: 2401
Investigator: MMMULQUE
Referred To: Not reported
Spill Date: 6/2/1996
Reported to Dept: 6/2/1996
CID: 297
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/10/1997
Remediation Phase: 0
Date Entered In Computer: 6/2/1996
Spill Record Last Update: 6/10/1997
Spiller Name: Not reported
Spiller Company: RESIDENCE
Spiller Address: 716 OCEAN AV
Spiller City,St,Zip: BROOKLYN, NY -
Spiller Company: 001
Contact Name: FDNY HAZ-MAT 1
Contact Phone: (917) 769-0483
DEC Region: 2
DER Facility ID: 126004
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
Remarks: A FURNACE OIL BURNER WAS LEAKING IN A BASEMENT, SPILL CLEANED UP BY HAZ-MAT 1 AND PACKED IN AN OVERPACKED DRUM

Material:
Site ID: 113747
Operable Unit ID: 1030539
Operable Unit: 01
Material ID: 349217
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons

716 OCEAN AVENUE (Continued) **S102240143**

Recovered: 10
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 9602982
Investigator: MULQUEEN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/02/1996 02:00
Reported to Dept Date/Time: 06/02/96 11:30
SWIS: 61
Spiller Name: RESIDENCE
Spiller Contact: Not reported
Spiller Phone: ( ) -
Spiller Contact: FDNY HAZ-MAT 1
Spiller Phone: (917) 769-0483
Spiller Address: 716 OCEAN AV
Spiller City,St,Zip: BROOKLYN, NY -
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 09
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/10/97
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /

716 OCEAN AVENUE (Continued) **S102240143**

Date Spill Entered In Computer Data File: 06/02/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 06/10/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 10
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Remark: A FURNACE OIL BURNER WAS LEAKING IN A BASEMENT, SPILL CLEANED UP BY HAZ-MAT 1 AND PACKED IN AN OVERPACKED DRUM

BA213 **943 ROGERS AVENUE** **LTANKS** **S102673120**
SE **943 ROGERS AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.371 mi.
1960 ft. **Site 1 of 2 in cluster BA**

Relative:
Lower

Actual:
42 ft.

LTANKS:
Site ID: 113810
Spill No: 9511571
Spill Date: 12/13/1995
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/13/1995
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 12/13/1995
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/13/1995

943 ROGERS AVENUE (Continued) **S102673120**

Spill Record Last Update:	1/4/1996
Spiller Name:	Not reported
Spiller Company:	WHALECO FUEL OIL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	MR BYAM
Spiller Phone:	(718) 693-7569
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	99295
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	customer ordered too much oil.

Material:

Site ID:	113810
Operable Unit ID:	1025794
Operable Unit:	01
Material ID:	358903
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9511571
Spill Date:	12/13/1995
Spill Time:	12:35
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/13/95
Cleanup Ceased:	/ /

943 ROGERS AVENUE (Continued) **S102673120**

Cleanup Meets Standard:	False
Investigator:	TANG
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/13/95
Reported to Department Time:	12:41
SWIS:	61
Spiller Contact:	MR BYAM
Spiller Phone:	(718) 693-7569
Spiller Extention:	Not reported
Spiller Name:	WHALECO FUEL OIL
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	12/13/95
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	01/04/96
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	2
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	True
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464
CAS Number:	Not reported
Last Date:	19941207

943 ROGERS AVENUE (Continued) **S102673120**

DEC Remarks: Not reported
Spill Cause: customer ordered too much oil.

BA214 **943 ROGERS AVE** **LTANKS** **S102672298**
SE **943 ROGERS AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.371 mi.
1960 ft. **Site 2 of 2 in cluster BA**

Relative:
Lower

Actual:
42 ft.

LTANKS:

Site ID:	321071
Spill No:	9311582
Spill Date:	12/28/1993
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/28/1993
Facility Addr2:	Not reported
Cleanup Ceased:	12/28/1993
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	12/28/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/28/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	RESIDENTS - LOUIS BYAN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	99295
DEC Memo:	Not reported
Remarks:	OVER ORDERED FUEL, THEREFORE CAUSING OVERFILL - ORDERED 300 GALS, OVERFILLED 230 GALS. CLEANING UP.

Material:

Site ID:	321071
Operable Unit ID:	993616
Operable Unit:	01
Material ID:	570153
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum

943 ROGERS AVE (Continued) **S102672298**

Quantity:	3
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9311582
Spill Date:	12/28/1993
Spill Time:	14:30
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/28/93
Cleanup Ceased:	12/28/93
Cleanup Meets Standard:	True
Investigator:	CAMMISA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/28/93
Reported to Department Time:	14:46
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	RESIDENTS - LOUIS BYAN
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other

943 ROGERS AVE (Continued) **S102672298**

PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/28/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 3
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: OVER ORDERED FUEL, THEREFORE CAUSING OVERFILL - ORDERED 300 GALS, OVERFILLED 230 GALS. CLEANING UP.

AZ215 **LAKE VIEW HOUSES - TTF** **LTANKS** **S109583780**
NW **217 OCEAN AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.372 mi.
1964 ft. **Site 3 of 3 in cluster AZ**

Relative:
Higher

Actual:
58 ft.

LTANKS:
Site ID: 411923
Spill No: 0900014
Spill Date: 4/1/2009
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/14/2009
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported

LAKE VIEW HOUSES - TTF (Continued) **S109583780**

Reported to Dept:	4/1/2009
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/1/2009
Spill Record Last Update:	7/14/2009
Spiller Name:	MARTIN
Spiller Company:	LAKE VIEW HOUSES
Spiller Address:	217 OCEAN AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	999
Spiller Contact:	RICKEY ROUFF
Spiller Phone:	(718) 714-6898
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	361124
DEC Memo:	***5,000 gal UST with NO PBS******** Sangesland spoke to Empire Environmental. No TTF letter was sent because Empire was doing all the correct work - almost done. Tank was pumped out - Soil samples were taken through the bottom of the tank and came back clean. Tank was foamed and closed in place. Empire is finishing off the report as of 5/20/09 and will mail it into Krimgold. 07/14/09. J.Krimgold reviewed the Site Assessment Report submitted by Empire Environmental and dated April 13, 2009. Based on the data provided four soil samples were taken through the tank walls. No VOCs or SVOCs were found in excess of DEC soil guidance. NFA. No PBS registration, No notification for the tank closure, No previous t/tests.
Remarks:	TANK TEST FAILURE ON A 5000 GALLON TANK UNK IF ANY PRODUCT WAS SPILLED.

Material:

Site ID:	411923
Operable Unit ID:	1168417
Operable Unit:	01
Material ID:	2160023
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported

LAKE VIEW HOUSES - TTF (Continued) **S109583780**

Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

216
NNW
1/4-1/2
0.373 mi.
1972 ft.

188 PARKSIDE AVE
188 PARKSIDE AVE
BROOKLYN, NY 11216

LTANKS **S108131202**
N/A

Relative:
Higher

Actual:
56 ft.

LTANKS:

Site ID:	368455
Spill No:	0605318
Spill Date:	8/7/2006
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	8/7/2006
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	8/7/2006
Spill Record Last Update:	11/6/2006
Spiller Name:	MARLIN JOSEPH
Spiller Company:	Not reported
Spiller Address:	188 PARKSIDE AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	MARLIN JOSEPH
Spiller Phone:	(718) 624-4842
Spiller Extention:	109
DEC Region:	2
DER Facility ID:	321089
DEC Memo:	2000 gal. tank is not registered. owner needs to fix tank, retest, and register. referred to DLA for consent order. bf 9/12/06 DLA sent order to be signed. DLA alerts me that spiller will call re: schedule of compliance. bf 9/19/06 sent ttf letter to owner. bf 10/19/06 returned earlier message from Mike Sapio (atty). he wanted to know what is required to close case. I left message: tank test results, register tank, and letter as per DEC's letter to Mr. Spence dated 9/19/06. bf
Remarks:	above liquid leak, lione leak also

188 PARKSIDE AVE (Continued) **S108131202**

Material:

Site ID:	368455
Operable Unit ID:	1126331
Operable Unit:	01
Material ID:	2115863
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	368455
Spill Tank Test:	1550184
Tank Number:	1
Tank Size:	2000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	8/7/2006
Test Method:	Horner EZ Check I or II

217
NNW
1/4-1/2
0.375 mi.
1981 ft.

260 PARKSIDE AVENUE **LTANKS** **S102672815**
260 PARKSIDE AVENUE **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
59 ft.

LTANKS:

Site ID:	218481
Spill No:	9414707
Spill Date:	2/8/1995
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/8/1995
Facility Addr2:	Not reported
Cleanup Ceased:	2/8/1995
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2/8/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0

260 PARKSIDE AVENUE (Continued) **S102672815**

Date Entered In Computer:	2/9/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	180741
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "J. KRIMGOLD"
Remarks:	NO VENT ALARM CAUSING OVERFILL, DRIVER CONTAINED SPILL WITH SPEEDY DRY.

Material:

Site ID:	218481
Operable Unit ID:	1008233
Operable Unit:	01
Material ID:	373437
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9414707
Spill Date:	02/08/1995
Spill Time:	10:50
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

260 PARKSIDE AVENUE (Continued) **S102672815**

Spill Closed Dt:	02/08/95
Cleanup Ceased:	02/08/95
Cleanup Meets Standard:	True
Investigator:	J. KRIMGOLD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	02/08/95
Reported to Department Time:	12:22
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	02/09/95
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	/ /
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	15
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	10
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464

260 PARKSIDE AVENUE (Continued) **S102672815**

CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: NO VENT ALARM CAUSING OVERFILL, DRIVER CONTAINED SPILL WITH SPEEDY DRY.

BB218 **PARKSIDE TOWERS** **LTANKS** **U003074329**
NW **160 PARKSIDE AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY** **HIST UST**
0.389 mi. **AST**
2055 ft. **Site 1 of 2 in cluster BB** **HIST AST**

Relative:
Higher

Actual:
58 ft.

LTANKS:

Site ID:	195096
Spill No:	8709891
Spill Date:	2/23/1988
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/7/1992
Facility Addr2:	Not reported
Cleanup Ceased:	10/7/1992
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	2/23/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/24/1988
Spill Record Last Update:	2/18/2003
Spiller Name:	Not reported
Spiller Company:	PARKSIDE TOWERS
Spiller Address:	1007 WEST FINGERBOARD RD.
Spiller City,St,Zip:	STATEN ISLAND, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	162552
DEC Memo:	Not reported
Remarks:	15,000 GALLON TANK SYSTEM FAILED PETRO-TITE TEST AT A LEAKAGE RATE OF -0.536 GALLONS PER HOUR.

Material:

Site ID:	195096
Operable Unit ID:	914819
Operable Unit:	01
Material ID:	461684
Material Code:	0001
Material Name:	#2 Fuel Oil

PARKSIDE TOWERS (Continued) **U003074329**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	195096
Spill Tank Test:	1533303
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8709891
Spill Date:	02/23/1988
Spill Time:	15:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/07/92
Cleanup Ceased:	10/07/92
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	02/23/88
Reported to Department Time:	15:37
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	PARKSIDE TOWERS
Spiller Address:	1007 WEST FINGERBOARD RD.
Spiller City,St,Zip:	STATEN ISLAND, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 448-3360

PARKSIDE TOWERS (Continued) **U003074329**

Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-089311
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/24/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/15/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: 15,000 GALLON TANK SYSTEM FAILED PETRO-TITE TEST AT A LEAKAGE RATE OF -0.536 GALLONS PER HOUR.

HIST UST:
PBS Number: 2-089311
SPDES Number: Not reported
Emergency Contact: JULIUS MEHRBERG
Emergency Telephone: (718) 448-3360
Operator: PARKSIDE TOWERS CO
Operator Telephone: (718) 448-3360
Owner Name: PARKSIDE TOWERS CO
Owner Address: 100 WEST FINGERBOARD RD
Owner City,St,Zip: STATEN ISLAND, NY 10304
Owner Telephone: (718) 448-3360
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: PARKSIDE TOWERS CO
Mailing Address: 2271 CLOVE RD
Mailing Address 2: Not reported
Mailing City,St,Zip: STATEN ISLAND, NY 10305
Mailing Contact: Not reported

PARKSIDE TOWERS (Continued) **U003074329**

Mailing Telephone:	(718) 448-3360
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	160 PARKSIDE AVENUE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/06/1997
Expiration Date:	03/24/2002
Renew Flag:	False
Renewal Date:	20011113
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	15000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Other
Leak Detection:	Other
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

PARKSIDE TOWERS (Continued) **U003074329**

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-089311
Program Type:	PBS
UTM X:	587708.49016000004
UTM Y:	4500884.2465399997
Expiration Date:	2016/01/05

Affiliation Records:

Site Id:	2105
Affiliation Type:	Emergency Contact
Company Name:	M & M PARKSIDE TOWERS, LLC
Contact Type:	Not reported
Contact Name:	JIM DIMITRIADES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 837-6904
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/2/2007

Site Id:	2105
Affiliation Type:	On-Site Operator
Company Name:	PARKSIDE TOWERS
Contact Type:	Not reported
Contact Name:	LLOYD OBSOURNE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(346) 446-4309
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/2/2007

Site Id:	2105
Affiliation Type:	Owner
Company Name:	M & M PARKSIDE TOWERS, LLC
Contact Type:	MANAGER
Contact Name:	JIM DIMITRIADES
Address1:	PO BOX 423
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11209

PARKSIDE TOWERS (Continued) **U003074329**

Country Code:	001
Phone:	(718) 439-1800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/18/2010

Site Id:	2105
Affiliation Type:	Mail Contact
Company Name:	M & M PARKSIDE TOWERS, LLC
Contact Type:	MANAGER
Contact Name:	JIM DIMITRIADES
Address1:	PO BOX 423
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11209
Country Code:	001
Phone:	(718) 439-1800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	10/18/2010

Tank Info:

Tank Number:	001
Tank Id:	42676
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1989
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-089311
SWIS Code:	6101
Operator:	PARKSIDE TOWERS CO
Facility Phone:	(718) 448-3360
Facility Addr2:	160 PARKSIDE AVENUE
Facility Type:	APARTMENT BUILDING
Emergency:	JULIUS MEHRBERG
Emergency Tel:	(718) 448-3360
Old PBSNO:	Not reported
Date Inspected:	Not reported

PARKSIDE TOWERS (Continued) **U003074329**

Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	PARKSIDE TOWERS CO
Owner Address:	100 WEST FINGERBOARD RD
Owner City,St,Zip:	STATEN ISLAND, NY 10304
Federal ID:	Not reported
Owner Tel:	(718) 448-3360
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	PARKSIDE TOWERS CO
Mailing Address:	2271 CLOVE RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	STATEN ISLAND, NY 10305
Mailing Telephone:	(718) 448-3360
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/06/1997
Expiration:	03/24/2002
Renew Flag:	False
Renew Date:	20011113
Total Capacity:	4000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19891201
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	05
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	08
Leak Detection:	01
Overfill Protection:	06
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported

PARKSIDE TOWERS (Continued) **U003074329**

Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

BB219 **160 PARKSIDE AVE** **LTANKS** **S104073268**
NW **160 PARKSIDE AVE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.389 mi.
2055 ft. **Site 2 of 2 in cluster BB**

Relative:
Higher

Actual:
58 ft.

LTANKS:

Site ID:	315190
Spill No:	9515251
Spill Date:	2/27/1996
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/27/1996
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	2/27/1996
CID:	322
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/27/1996
Spill Record Last Update:	3/6/1996
Spiller Name:	CAROL FREY
Spiller Company:	BAERENKKLAU FUEL CO
Spiller Address:	740 JAMACIA AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	MR HOFFMAN
Spiller Phone:	(718) 448-3360
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	162552
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	driver overfilled tank - clean up in progress

Material:

Site ID:	315190
Operable Unit ID:	1026362
Operable Unit:	01
Material ID:	355374
Material Code:	0001

160 PARKSIDE AVE (Continued) **S104073268**

Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	2
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9515251
Spill Date:	02/27/1996
Spill Time:	10:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	02/27/96
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	MARTINKAT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	02/27/96
Reported to Department Time:	10:12
SWIS:	61
Spiller Contact:	MR HOFFMAN
Spiller Phone:	(718) 448-3360
Spiller Extention:	Not reported
Spiller Name:	BAERENKKLAU FUEL CO
Spiller Address:	740 JAMACIA AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	CAROL FREY

160 PARKSIDE AVE (Continued) **S104073268**

Facility Phone: (718) 647-4200
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/27/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 03/06/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 2
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 2
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: driver overfilled tank - clean up in progress

BC220 **184 CLARKSON REALTY** **LTANKS** **U001837925**
NNE **184 CLARKSON AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY 11226** **UST**
0.393 mi. **HIST UST**
2073 ft. **Site 1 of 2 in cluster BC**

Relative:
Higher

Actual:
58 ft.

LTANKS:
Site ID: 151436
Spill No: 9308788
Spill Date: 10/20/1993
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/20/1993
Facility Addr2: Not reported
Cleanup Ceased: 10/20/1993
Cleanup Meets Standard: True

184 CLARKSON REALTY (Continued) **U001837925**

SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	10/20/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/21/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller City,St,Zip:	***UPDATE***, ZZ
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	128701
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	CREW ENROUTE FOR CLEAN UP. MR. MIKE MALEK CHECK TO MAKE SURE THAT SPILL IS CLEANED UP.

Material:

Site ID:	151436
Operable Unit ID:	987710
Operable Unit:	01
Material ID:	391477
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

184 CLARKSON REALTY (Continued) **U001837925**

Site ID:	166889
Spill No:	9212280
Spill Date:	1/28/1993
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/29/1993
Facility Addr2:	Not reported
Cleanup Ceased:	1/29/1993
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1/28/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/29/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	140615
DEC Memo:	Not reported
Remarks:	OIL CAME OUT VENT TO SIDEWALK AND SOIL AREA-SPEEDI-DRI APPLIED WILL BEP/U AND DISPOSED-SUPT NOT ON SITE-HIS DAUGHTER TOLD DRIVER TO DELIVERYFUEL-GAUGE NOT ACCESSIBLE

Material:

Site ID:	166889
Operable Unit ID:	979273
Operable Unit:	01
Material ID:	402134
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported

184 CLARKSON REALTY (Continued) **U001837925**

Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9308788
Spill Date:	10/20/1993
Spill Time:	12:55
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/20/93
Cleanup Ceased:	10/20/93
Cleanup Meets Standard:	True
Investigator:	TANG
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	10/20/93
Reported to Department Time:	13:07
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	UNK
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /

184 CLARKSON REALTY (Continued) **U001837925**

Date Spill Entered In Computer Data File: 10/21/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -20
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: CREW ENROUTE FOR CLEAN UP. MR. MIKE MALEK CHECK TO MAKE SURE THAT SPILL IS CLEANED UP.

Region of Spill: 2
Spill Number: 9212280
Spill Date: 01/28/1993
Spill Time: 11:30
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 01/29/93
Cleanup Ceased: 01/29/93
Cleanup Meets Standard: True
Investigator: CAMMISA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 01/28/93
Reported to Department Time: 13:24
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported

184 CLARKSON REALTY (Continued) **U001837925**

Spiller Name: SAME
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/29/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 25
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: OIL CAME OUT VENT TO SIDEWALK AND SOIL AREA-SPEEDI-DRI APPLIED WILL BEP/U AND DISPOSED-SUPT NOT ON SITE-HIS DAUGHTER TOLD DRIVER TO DELIVERYFUEL-GAUGE NOT ACCESSIBLE

UST:
Facility Id: 2-187151
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2012/10/15
UTM X: 588488.06655999995
UTM Y: 4500970.9363099998

Affiliation Records:

184 CLARKSON REALTY (Continued) **U001837925**

Site Id:	5587
Affiliation Type:	Emergency Contact
Company Name:	184 CLARKSON REALTY L.L.C.
Contact Type:	Not reported
Contact Name:	FLORENCE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 826-6940
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	8/7/2007

Site Id:	5587
Affiliation Type:	Owner
Company Name:	184 CLARKSON REALTY L.L.C.
Contact Type:	MANAGING AGENT
Contact Name:	MICHAEL MALEK
Address1:	1491 CONEY ISLAND AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 826-6940
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	8/7/2007

Site Id:	5587
Affiliation Type:	Mail Contact
Company Name:	184 CLARKSON REALTY L.L.C.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1491 CONEY ISLAND AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 692-0003
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	5587
Affiliation Type:	On-Site Operator
Company Name:	184 CLARKSON REALTY

184 CLARKSON REALTY (Continued) **U001837925**

Contact Type:	Not reported
Contact Name:	FLORENCE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 826-6940
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	8/7/2007

Tank Info:

Site ID:	5587
Tank Number:	001
Tank ID:	23480
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1928
Capacity Gallons:	5000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/1/2003
Register:	True
Modified By:	DXLIVING
Last Modified:	8/7/2007

HIST UST:

PBS Number:	2-187151
SPDES Number:	Not reported
Emergency Contact:	FERNAND
Emergency Telephone:	(718) 826-6940
Operator:	FERNAND
Operator Telephone:	(718) 826-6940
Owner Name:	184 CLARKSON REALTY L.L.C.
Owner Address:	1491 CONEY ISLAND AVE
Owner City,St,Zip:	BROOKLYN, NY 11230
Owner Telephone:	(718) 826-6940
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	184 CLARKSON REALTYL.L.C.
Mailing Address:	1491 CONEY ISLAND AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11230
Mailing Contact:	Not reported
Mailing Telephone:	(718) 692-0003
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is

184 CLARKSON REALTY (Continued) **U001837925**

	greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	184 CLARKSON AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/01/1997
Expiration Date:	10/15/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

221
WSW
1/4-1/2
0.394 mi.
2081 ft.

88 BUCKINGHAM RD
BROOKLYN, NY

LTANKS **S104782313**
HIST LTANKS **N/A**

Relative:
Equal

Actual:
48 ft.

LTANKS:

Site ID:	76482
Spill No:	0007091
Spill Date:	9/15/2000
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/5/2000
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	9/15/2000
CID:	211
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/15/2000
Spill Record Last Update:	10/5/2000
Spiller Name:	SAM AINBINDER
Spiller Company:	ATLANTIC/PACIFIC OIL CO
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	LITKOWNSKI RES
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	71486
DEC Memo:	Not reported
Remarks:	DRIVER OVERFILLED TANK - CLEAN UP CREW ON SCENE

Material:

Site ID:	76482
Operable Unit ID:	827946
Operable Unit:	01
Material ID:	548191
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

(Continued) **S104782313**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	0007091
Spill Date:	09/15/2000
Spill Time:	12:30
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/05/00
Cleanup Ceased:	/ /
Cleanup Meets Standard:	True
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	09/15/00
Reported to Department Time:	14:07
SWIS:	61
Spiller Contact:	LITKOWNSKI RES
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	ATLANTIC/PACIFIC OIL CO
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	SAM AINBINDER
Facility Phone:	(718) 252-6000
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

(Continued) **S104782313**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/15/00
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 10/05/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 20
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: No action by DEC, cleanup by Oil company.
Spill Cause: DRIVER OVERFILLED TANK - CLEAN UP CREW ON SCENE

222
ESE
1/4-1/2
0.406 mi.
2143 ft.

ENGINE CO 248
2900 SNYDER AVE
BROOKLYN, NY

LTANKS **S102663160**
HIST LTANKS **N/A**

Relative:
Higher

Actual:
49 ft.

LTANKS:
Site ID: 103765
Spill No: 9703372
Spill Date: 6/17/1997
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 4/11/2001
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 6/18/1997
CID: 257
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False

ENGINE CO 248 (Continued) **S102663160**

Remediation Phase:	0
Date Entered In Computer:	6/18/1997
Spill Record Last Update:	1/7/2005
Spiller Name:	ROBERT COLLINS
Spiller Company:	ENGINE CO 248
Spiller Address:	2900 SNYDER AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	ROBERT COLLINS
Spiller Phone:	(516) 499-1085
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	91727
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD" SEE ADDENDUM TO THE ISRP BY URS DATED FEBRUARY 19, 2001.
Remarks:	CALLER CLOSED TANKS AND FOUND CONTAMINTED SOIL

Material:

Site ID:	103765
Operable Unit ID:	1049379
Operable Unit:	01
Material ID:	336261
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9703372
Spill Date:	06/17/1997
Spill Time:	16:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

ENGINE CO 248 (Continued) **S102663160**

Spill Closed Dt:	04/11/01
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	KRIMGOLD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	06/18/97
Reported to Department Time:	09:17
SWIS:	61
Spiller Contact:	ROBERT COLLINS
Spiller Phone:	(516) 499-1085
Spiller Extention:	Not reported
Spiller Name:	ENGINE CO 248
Spiller Address:	2900 SNYDER AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	ROBERT COLLINS
Facility Phone:	(516) 499-1085
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	06/18/97
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	04/11/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	True
Material:	UNKNOWN PETROLEUM
Class Type:	UNKNOWN PETROLEUM
Times Material Entry In File:	16414

ENGINE CO 248 (Continued) **S102663160**

CAS Number: Not reported
Last Date: 19940929
DEC Remarks: SEE ADDENDUM TO THE ISRP BY URS DATED FEBRUARY 19, 2001.
Spill Cause: CALLER CLOSED TANKS AND FOUND CONTAMINTED SOIL

BC223 **MR BURNS** **LTANKS** **S104516330**
NE **198 CLARKSON AVE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.407 mi.
2150 ft. **Site 2 of 2 in cluster BC**

Relative:
Higher

Actual:
58 ft.

LTANKS:
Site ID: 177266
Spill No: 9911954
Spill Date: 1/15/2000
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt: 1/15/2000
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 1/15/2000
CID: 270
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/15/2000
Spill Record Last Update: 1/19/2000
Spiller Name: MR BURNS
Spiller Company: MR BURNS
Spiller Address: 198 CLARKSON AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: MR BURNS
Spiller Phone: (914) 966-0629
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 148956
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD" RUPTURED PRODUCT LINE (NOT TANK). ACTUALLY SPILLED ABOUT 70-80 GAL. SIPLL CONTAINED IN THE BASEMENT ON A CONCRETE FLOOR. NO SEWER WAS EFFECTED. CLEANED UP BY CREW FROM TRI-STATE HIRED BY CLASSIC OIL. CORRECTIONS: SPILL NOT SIPLL AND SEWER WAS NOT AFFECTED INSTEAD OF EFFECTED.
Remarks: tank ruptured for an unknown reason. clean up crew on the way

Material:
Site ID: 177266
Operable Unit ID: 1090659

MR BURNS (Continued) **S104516330**

Operable Unit:	01
Material ID:	297386
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	275
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9911954
Spill Date:	01/15/2000
Spill Time:	13:45
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt:	01/15/00
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	KRIMGOLD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/15/00
Reported to Department Time:	13:56
SWIS:	61
Spiller Contact:	MR BURNS
Spiller Phone:	(914) 966-0629
Spiller Extention:	Not reported
Spiller Name:	MR BURNS
Spiller Address:	198 CLARKSON AVE

MR BURNS (Continued) **S104516330**

Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: MR BURNS
Facility Phone: (914) 966-0629
Facility Extention: Not reported
Spill Notifier: Affected Persons
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/15/00
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/19/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 275
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: RUPTURED PRODUCT LINE NOT TANK). ACTUALLY SPILLED ABOUT 70-80 GAL. SIPLL CONTAINED IN THE BASEMENT ON A CONCRETE FLOOR. NO SEWER WAS EFFECTED. CLEANED UP BY CREW FROM TRI-STATE HIRED BY CLASSIC OIL. CORRECTIONS: SPILL NOT SIPLL AND SEWER WAS NOTAFFECTED INSTEAD OF EFFECTED.
Spill Cause: tank ruptured for an unknown reason. clean up crew on the way

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224
SSE
1/4-1/2
0.407 mi.
2151 ft.

SEARS ROEBUCK & CO
2307 BEVERLY RD
BROOKLYN, NY 11226

LTANKS **U003128054**
HIST LTANKS **N/A**
UST
HIST UST

Relative:
Lower

Actual:
30 ft.

LTANKS:
Site ID: 63372
Spill No: 9705825
Spill Date: 8/13/1997
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response.

SEARS ROEBUCK & CO (Continued) **U003128054**

	Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	9/9/1998
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	8/13/1997
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/13/1997
Spill Record Last Update:	7/16/1999
Spiller Name:	SCOTT DEMUTH
Spiller Company:	SEARS ROEBUCK
Spiller Address:	2307 BEVERLY RD
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	SCOTT DEMUTH
Spiller Phone:	(847) 286-5530
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	176106
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" CLOSURE OF 3,00 MOTOR OIL & 3X550 GASOLINE. SEE FILE
Remarks:	CALLER WAS REMOVING TANKS AND FOUND SOIL CONTAMINATION - CAUSE APPEARS TO BE YEARS OF OVERFILL - ATTN MARK TIBBE

Material:

Site ID:	63372
Operable Unit ID:	1052005
Operable Unit:	01
Material ID:	331445
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported

SEARS ROEBUCK & CO (Continued) **U003128054**

Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 2
Spill Number: 9705825
Spill Date: 08/13/1997
Spill Time: 14:05
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/09/98
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TIBBE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 08/13/97
Reported to Department Time: 16:08
SWIS: 61
Spiller Contact: SCOTT DEMUTH
Spiller Phone: (847) 286-5530
Spiller Extention: Not reported
Spiller Name: SEARS ROEBUCK
Spiller Address: 2307 BEVERLY RD
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: SCOTT DEMUTH
Facility Phone: (847) 286-5530
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/13/97
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 07/16/99
Is Updated: False

Tank:

SEARS ROEBUCK & CO (Continued) **U003128054**

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: CLOSURE OF 3,00 MOTOR OIL 3X550 GASOLINE. SEE FILE
Spill Cause: CALLER WAS REMOVING TANKS AND FOUND SOIL CONTAMINATION - CAUSE APPEARS TO BE YEARS OF OVERFILL - ATTN MARK TIBBE

UST:
Facility Id: 2-400130
Region: STATE
DEC Region: 2
Site Status: Administratively Closed
Program Type: PBS
Expiration Date: N/A
UTM X: 588295.59589999996
UTM Y: 4499808.6153800003

Affiliation Records:
Site Id: 19080
Affiliation Type: Owner
Company Name: SEARS ROEBUCK & CO
Contact Type: Not reported
Contact Name: Not reported
Address1: 2307 BEVERLY RD
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11226
Country Code: 001
Phone: (718) 469-8000
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 19080
Affiliation Type: On-Site Operator
Company Name: SEARS ROEBUCK & CO
Contact Type: Not reported
Contact Name: JOHN BOLAND
Address1: Not reported

SEARS ROEBUCK & CO (Continued) **U003128054**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 469-8000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19080
Affiliation Type:	Emergency Contact
Company Name:	SEARS ROEBUCK & CO
Contact Type:	Not reported
Contact Name:	BERNANDINE PALKA, PE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(708) 286-8864
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19080
Affiliation Type:	Mail Contact
Company Name:	SEARS ROEBUCK & CO
Contact Type:	Not reported
Contact Name:	STORE MANAGER
Address1:	2307 BEVERLY RD
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11226
Country Code:	001
Phone:	(718) 469-8000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Site ID:	19080

Tank Number:	001
Tank ID:	24589
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1950

SEARS ROEBUCK & CO (Continued) **U003128054**

Capacity Gallons:	7500
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	6/12/1997
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/1/1988
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	19080
Tank Number:	002
Tank ID:	24590
Tank Status:	Administratively Closed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1950
Capacity Gallons:	5000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	10/8/2003
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	4/12/2000
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	19080
Tank Number:	006
Tank ID:	24591
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1962
Capacity Gallons:	2500
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	19080
Tank Number:	007
Tank ID:	24592
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1962

SEARS ROEBUCK & CO (Continued) **U003128054**

Capacity Gallons:	2500
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	19080
Tank Number:	008
Tank ID:	24593
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1962
Capacity Gallons:	2500
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	19080
Tank Number:	010
Tank ID:	48515
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1962
Capacity Gallons:	1000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

HIST UST:

PBS Number:	2-400130
SPDES Number:	Not reported
Emergency Contact:	BERNANDINE PALKA, PE
Emergency Telephone:	(708) 286-8864
Operator:	JOHN BOLAND
Operator Telephone:	(718) 469-8000
Owner Name:	SEARS ROEBUCK & CO

SEARS ROEBUCK & CO (Continued) **U003128054**

Owner Address:	2307 BEVERLY RD
Owner City,St,Zip:	BKLYN, NY 11226
Owner Telephone:	(718) 469-8000
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Name:	SEARS ROEBUCK & CO
Mailing Address:	2307 BEVERLY RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11226
Mailing Contact:	STORE MANAGER
Mailing Telephone:	(718) 469-8000
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	2307 BEVERLY RD
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER RETAIL SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/28/2000
Expiration Date:	10/15/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	12500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19500101
Capacity (gals):	7500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0

SEARS ROEBUCK & CO (Continued) **U003128054**

Date Tested:	10/01/1988
Next Test Date:	10/01/1993
Missing Data for Tank:	No Missing Data
Date Closed:	10/01/1993
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19500101
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	04/12/2000
Next Test Date:	04/12/2005
Missing Data for Tank:	No Missing Data
Date Closed:	10/01/1993
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19620101
Capacity (gals):	2500
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data

SEARS ROEBUCK & CO (Continued) **U003128054**

Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19620101
Capacity (gals):	2500
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19620101
Capacity (gals):	2500
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False

SEARS ROEBUCK & CO (Continued) **U003128054**

Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19620101
Capacity (gals):	1000
Product Stored:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

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225 **25** **LTANKS** **S103618912**
North **WINTHROP ST** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.424 mi.
2238 ft.

Relative:
Higher

Actual:
58 ft.

LTANKS:

Site ID:	65308
Spill No:	9813310
Spill Date:	1/29/1999
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/19/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1/29/1999
CID:	196
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False

25 (Continued) **S103618912**

Remediation Phase:	0
Date Entered In Computer:	1/29/1999
Spill Record Last Update:	2/19/2003
Spiller Name:	VINNY
Spiller Company:	APPROVED OIL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	ANTHONY LARA
Spiller Phone:	(718) 624-4842
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	62754
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was " " 02/19/2003 Closed Due To The Nature / Extent Of The Spill Report
Remarks:	CALER STATES THAT DELIVERY WAS MADE. A PIN HOLE WAS NOTICED IN THE BOTTOM OF A 275 GAL TANK. CLEAN YP IN PROCESS.

Material:

Site ID:	65308
Operable Unit ID:	1073749
Operable Unit:	01
Material ID:	310034
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9813310
Spill Date:	01/29/1999
Spill Time:	17:00
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response.

25 (Continued) **S103618912**

Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: Not reported
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 01/29/99
Reported to Department Time: 17:12
SWIS: 61
Spiller Contact: ANTHONY LARA
Spiller Phone: (718) 624-4842
Spiller Extention: Not reported
Spiller Name: APPROVED OIL
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: VINNY
Facility Phone: (212) 238-1050
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/29/99
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/24/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL

25 (Continued) **S103618912**

Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: CALER STATES THAT DELIVERY WAS MADE. A PIN HOLE WAS NOTICED IN THE BOTTOM OF A 275 GAL TANK. CLEAN YP IN PROCESS.

226
SSE
1/4-1/2
0.435 mi.
2297 ft.

2504 BEVERLY RD **LTANKS** **S102671803**
2504 BEVERLY RD **HIST LTANKS** **N/A**
BKLYN, NY

Relative:
Lower

Actual:
30 ft.

LTANKS:
Site ID: 264306
Spill No: 9110623
Spill Date: 1/11/1992
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/22/1994
Facility Addr2: Not reported
Cleanup Ceased: 11/22/1994
Cleanup Meets Standard: True
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1/11/1992
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2/3/1992
Spill Record Last Update: 11/22/1994
Spiller Name: Not reported
Spiller Company: BAERENKLAU
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 215421
DEC Memo: Not reported
Remarks: FUEL ON ASPHALT DRIVEWAY. SERVICEMAN TO CLEAN UP.

Material:
Site ID: 264306
Operable Unit ID: 964381
Operable Unit: 01
Material ID: 419142
Material Code: 0001

2504 BEVERLY RD (Continued) **S102671803**

Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9110623
Spill Date:	01/11/1992
Spill Time:	11:15
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/22/94
Cleanup Ceased:	11/22/94
Cleanup Meets Standard:	True
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/11/92
Reported to Department Time:	12:00
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	BAERENKLAU
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported

2504 BEVERLY RD (Continued) **S102671803**

Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/03/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/22/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 4
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: FUEL ON ASPHALT DRIVEWAY. SERVICEMAN TO CLEAN UP.

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227 West 1/4-1/2 0.436 mi. 2300 ft. | **PUBLIC SCHOOL 249**
18 MARLBROUGH ROAD
BROOKLYN, NY | **LTANKS** **S102659893**
HIST LTANKS **N/A**

Relative: Higher

Actual: 50 ft.

LTANKS:
Site ID: 126330
Spill No: 9412445
Spill Date: 12/15/1994
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/19/2005
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401

PUBLIC SCHOOL 249 (Continued) **S102659893**

Investigator:	AJWHITE
Referred To:	Not reported
Reported to Dept:	12/16/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/15/1995
Spill Record Last Update:	12/19/2005
Spiller Name:	Not reported
Spiller Company:	NYC BOARD OF EDUCATION
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	109210
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE" 11/15/2005: Lead transfered to Joe White as part of the Spill Initiaative Project. 12/08/2005: Mr. James Merlo contacted Joe White and is checking to see if a new tank test has been performed on this tank. He will provide documentation so spill can be closed. 12/19/2005: Joe White received documentation from James Merlo showing that the two tanks at this location were tested and passed on 10/13/2005 and a certification was printed on 12/02/2005. This information is on the DEC eDocs system. The related PBS # associated with this spill is 2-354236. This information is sufficient for closing the reported spill due to tank test failure.
Remarks:	PUBLIC SCHOOL 249, BOARD OF ED TOOK CARE OF PROBLEM

Material:

Site ID:	126330
Operable Unit ID:	1010081
Operable Unit:	01
Material ID:	374755
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	126330
Spill Tank Test:	1543458
Tank Number:	Not reported
Tank Size:	0
Test Method:	00

PUBLIC SCHOOL 249 (Continued) **S102659893**

Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	9412445
Spill Date:	12/15/1994
Spill Time:	17:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/16/94
Reported to Department Time:	12:12
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYC BOARD OF EDUCATION
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	03/15/95
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	/ /
Is Updated:	False

PUBLIC SCHOOL 249 (Continued) **S102659893**

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464
CAS Number:	Not reported
Last Date:	19941207
DEC Remarks:	Not reported
Spill Cause:	PUBLIC SCHOOL 249, BOARD OF ED TOOK CARE OF PROBLEM

228
NNE
1/4-1/2
0.442 mi.
2336 ft.

APARTMENT BUILDING **LTANKS** **S106000018**
590 PARKSIDE AVE **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
59 ft.

LTANKS:

Site ID:	114141
Spill No:	0306742
Spill Date:	9/25/2003
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	RVKETANI
Referred To:	Not reported
Reported to Dept:	9/25/2003
CID:	282
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	9/25/2003
Spill Record Last Update:	11/22/2010
Spiller Name:	ALAN KURTZ
Spiller Company:	590 PARKSIDE OWNERS
Spiller Address:	590 PARKSIDE AVENUE
Spiller City,St,Zip:	BROOKLYN, NY 11215

APARTMENT BUILDING (Continued) **S106000018**

Spiller County: 999
Spiller Contact: PHIL FAZIN
Spiller Phone: (516) 375-5890
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 99578
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO" 9/26/03 DDO Sawyer sent tank test failure letter. 3/26/06: CBN Called Alan Kurtz (718) 788-7900 and left a message to ask him to call me back. 7/26/06 - Mike - Spoke with Allan Kurtz who gave number for Empire Tank (718-627-5100). According to Kurtz an old tank was replaced with a new tank. At Empire, a David Stern mentioned that the work was subbed out to USA Tank. Stern said he has repeatedly asked USA to send in report. He said it will be sent in at some point. 10/29/10 - Austin - Reassigned from Scibelli in Albany to Ketani in Region 2 for following up and closing - end 11/9/10 - Raphael Ketani. The spill took place on 9/25/03 and involved a tank test failure. The site is block and lot 5056 and 40. According to the 2/18/88 deed in ACRIS, the owner is 590 Parkside Avenue HDFC, 590 Parkside Avenue, Brklyn, c/o TKR Property Services, Inc., 430 16th Street, Brklyn, 11215. The PBS registration is #2-608620. It lists 590 Parkside Owners, c/o TKR at 430 16th Street. The contact is Alan Kurtz at (718) 788-7900. There is a 3,000 gals. UST in service with #2 oil since 5/1/70. There are no E-docs and no paper file. I tried calling Empire Tank (718) 627-5100, but reached an operator at Approved Oil. She said that her company had merged with Empire Oil a few years ago, but she wasn't sure whether Empire Tank had been part of the company. She put me through to the voice mail of Chris Fazio and I left a message requesting a cleanup report. I tried to contact Alan Kurtz (718) 788-7900, ext 227 at TKR, but I could only leave a voice message. Mr. Fazio called me back. He said that they didn't service the property at that time back in 2003. He added that Approved simply picked up the account as part of a larger account. He said that he didn't have any records. 11/22/10 - Raphael Ketani. I tried to reach Mr. Kurtz, but could only leave a phone message. A little while later, Mr. Kurtz (718) 788-7900, ext 227 called me back. He said that the tank failure had been taken care of a long time ago. A new tank was installed. I told him that the DEC didn't have a report regarding the tank failure. Also, I stated that there could be soil and groundwater contamination. Mr. Kurtz said that he will talk to Empire and find out whether they have the tank replacement and testing report. I told Mr. Kurtz that I had already talked to Empire and they told me there was no paperwork. Mr. Kurtz said that I may have talked to the wrong Empire. He will talk to Empire Service and get back to me. Mr. Kurtz sent me the tank test report (see E-docs) that pertains to the failure of the old tank. The failure was in the ullage (dry portion). The report indicates that groundwater was not found below the tank.
Remarks: TANK FAILED THE TEST

Material:
Site ID: 114141
Operable Unit ID: 875502
Operable Unit: 01
Material ID: 552438
Material Code: 0001
Material Name: #2 Fuel Oil

APARTMENT BUILDING (Continued) **S106000018**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	114141
Spill Tank Test:	1528705
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	RVKETANI
Last Modified:	11/9/2010
Test Method:	Horner EZ Check I or II

229
NE
1/4-1/2
0.447 mi.
2358 ft.

260 LENNOX RD **LTANKS** **S102663449**
260 LENNOX RD **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
57 ft.

LTANKS:

Site ID:	96774
Spill No:	9705626
Spill Date:	8/8/1997
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/8/1997
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	8/8/1997
CID:	351
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/8/1997
Spill Record Last Update:	2/8/2002
Spiller Name:	CHELSEY ?
Spiller Company:	PARK OFF LENNOX BUILDING
Spiller Address:	260 LENOX RD
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001

260 LENNOX RD (Continued) **S102663449**

Spiller Contact:	JANET MATOS
Spiller Phone:	(718) 579-3413
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	86299
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	TANK WAS OVERFILLED DUE TO A DEFECTIVE GAUGE ON THE TANK - SPILL CREW ON SITE

Material:

Site ID:	96774
Operable Unit ID:	1051628
Operable Unit:	01
Material ID:	331257
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9705626
Spill Date:	08/08/1997
Spill Time:	10:30
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	08/08/97
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	MARTINKAT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported

260 LENNOX RD (Continued) **S102663449**

Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 08/08/97
Reported to Department Time: 12:38
SWIS: 61
Spiller Contact: JANET MATOS
Spiller Phone: (718) 579-3413
Spiller Extention: Not reported
Spiller Name: PARK OFF LENNOX BUILDING
Spiller Address: 260 LENNOX RD
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: CHELSEY ?
Facility Phone: (516) 487-6790
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/08/97
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/11/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: TANK WAS OVERFILLED DUE TO A DEFECTIVE GAUGE ON THE TANK - SPILL CREW ON SITE

230 SW 1/4-1/2 0.449 mi. 2372 ft. | **APARTMENT BUILDING 200 EAST 17TH STREET BROOKLYN, NY** | **LTANKS HIST LTANKS NY Spills NY Hist Spills** | **S102143856 N/A**

Relative: Lower

Actual: 38 ft.

LTANKS:

Site ID:	101040
Spill No:	9710210
Spill Date:	12/4/1997
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/3/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	12/4/1997
CID:	267
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/4/1997
Spill Record Last Update:	3/3/2003
Spiller Name:	PAUL BURNSILVER
Spiller Company:	APARTMENT BUILDING
Spiller Address:	200 EAST 17TH STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	PAUL BURNSILVER
Spiller Phone:	(212) 362-3575
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	89588
DEC Memo:	Not reported
Remarks:	tank failed the horner ez check with a gross reading tank will be cleaned and retested

Material:

Site ID:	101040
Operable Unit ID:	1053236
Operable Unit:	01
Material ID:	328521
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

APARTMENT BUILDING (Continued) **S102143856**

Tank Test:

Site ID:	101040
Spill Tank Test:	1545505
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

HIST LTANKS:

Region of Spill:	2
Spill Number:	9710210
Spill Date:	12/04/1997
Spill Time:	17:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TOMASELLO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/04/97
Reported to Department Time:	20:04
SWIS:	61
Spiller Contact:	PAUL BURNSILVER
Spiller Phone:	(212) 362-3575
Spiller Extention:	Not reported
Spiller Name:	APARTMENT BUILDING
Spiller Address:	200 EAST 17TH STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	PAUL BURNSILVER
Facility Phone:	(212) 362-3575
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	0-000000
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

APARTMENT BUILDING (Continued) **S102143856**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/04/97
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 12/05/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 5000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: tank failed the horner e check with a gross reading tank will be cleaned and retested

NY Spills:
Site ID: 327931
Facility Addr2: Not reported
Facility ID: 9213570
Spill Number: 9213570
Facility Type: ER
SWIS: 2401
Investigator: KSTANG
Referred To: Not reported
Spill Date: 3/9/1993
Reported to Dept: 3/9/1993
CID: Not reported
Spill Cause: Human Error
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 3/9/1993
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/9/1993
Remediation Phase: 0
Date Entered In Computer: 3/17/1993

APARTMENT BUILDING (Continued) **S102143856**

Spill Record Last Update:	3/17/1993
Spiller Name:	Not reported
Spiller Company:	PARK PROPERTY DEVEL. APT.
Spiller Address:	200 E. 17TH ST.
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	89588
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	ORDERED 2500 GALLONS. TANK CHECKED 900 GAL BY STICK LEVEL. SUPER DID NOT TIGHTEN STICK WELL CAP. OIL CAME OUT INTO GARAGE. CONTAINED ON CONCRETE. COASTAL DOING CLEAN-UP.

Material:

Site ID:	327931
Operable Unit ID:	980873
Operable Unit:	01
Material ID:	403341
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9213570
Investigator:	TANG
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	03/09/1993 15:30
Reported to Dept Date/Time:	03/09/93 16:04
SWIS:	61

APARTMENT BUILDING (Continued) **S102143856**

Spiller Name: PARK PROPERTY DEVEL. APT.
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 200 E. 17TH ST.
Spiller City,St,Zip: BROOKLYN, NY
Spill Cause: Human Error
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: 03/09/93
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/09/93
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 03/17/93
Date Spill Entered In Computer Data File: Not reported
Update Date: 03/17/93
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Remark: ORDERED 2500 GALLONS. TANK CHECKED 900 GAL BY STICK LEVEL. SUPER DID NOT TIGHTEN STICK WELL CAP. OIL CAME OUT INTO GARAGE. CONTAINED ON CONCRETE. COASTAL DOING CLEAN-UP.

231 SSW 1/4-1/2 0.455 mi. 2403 ft. | **1815 BEVERLY RD/BROOKLYN**
1815 BEVERLY RD
NEW YORK CITY, NY | **LTANKS** | **S106703175**
HIST LTANKS | **N/A**

Relative: Lower

Actual: 34 ft.

LTANKS:

Site ID:	90954
Spill No:	8707932
Spill Date:	12/14/1987
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/5/1993
Facility Addr2:	Not reported
Cleanup Ceased:	11/5/1993
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	12/14/1987
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/12/1988
Spill Record Last Update:	1/27/2003
Spiller Name:	Not reported
Spiller Company:	ARTHUR SOLOMON
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	82038
DEC Memo:	Not reported
Remarks:	3K TANK COULDN'T MAINTAIN OIL IN STANDPIPE, WILL DIG DOWN TO TANK AND CAP OFF. CONTACT: ROBERT SOLOMON (718) 859-8772.

Material:

Site ID:	90954
Operable Unit ID:	913549
Operable Unit:	01
Material ID:	463334
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

1815 BEVERLY RD/BROOKLYN (Continued) **S106703175**

Tank Test:

Site ID:	90954
Spill Tank Test:	1532659
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8707932
Spill Date:	12/14/1987
Spill Time:	13:30
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/05/93
Cleanup Ceased:	11/05/93
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/14/87
Reported to Department Time:	15:18
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	ARTHUR SOLOMON
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 859-8772
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-239437
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

1815 BEVERLY RD/BROOKLYN (Continued) **S106703175**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/12/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/12/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 11/05/93: REPAIRED PIPING RETESTED AND PASSED 6/2/88 NO CONTAMINATION FOUND.
Spill Cause: 3K TANK COULDN T MAINTAIN OIL IN STANDPIPE, WILL DIG DOWN TO TANK AND CAP OFF. CONTACT: ROBERT SOLOMON 718) 859-8772.

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232 WNW 1/4-1/2 0.479 mi. 2528 ft. | **BROOKLYN HOSPITAL CENTER** **LTANKS** **S106971309**
100 PARKSIDE AVENUE **N/A**
BROOKLYN, NY 11226

Relative: Higher

Actual: 59 ft.

LTANKS:
Site ID: 332074
Spill No: 0407565
Spill Date: 7/15/2004
Spill Cause: Tank Test Failure
Spill Source: Tank Truck
Spill Class: Not reported
Spill Closed Dt: 3/3/2006
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: mxferoze
Referred To: Not reported
Reported to Dept: 10/7/2004
CID: 408
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False

BROOKLYN HOSPITAL CENTER (Continued) **S106971309**

Remediation Phase:	0
Date Entered In Computer:	10/7/2004
Spill Record Last Update:	3/3/2006
Spiller Name:	PETROLEUM TANK CLEANERS
Spiller Company:	BROOKLYN HOSPITAL CENTER
Spiller Address:	100 PARKSIDE AVE.
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	PETROLEUM TANK CLEANERS
Spiller Phone:	(718) 624-4842
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	22708
DEC Memo:	12/19/05 Feroze. Spill is transferred from Ketani to Feroze. 01/26/05. Feroze, PBS of this spill is # 2-600805. TTF is sent to: Dennis C. Bartling Brooklyn Hospital Center. 121 Dekalb Ave Brooklyn NY 11201. 02/27/06 Feroze , Mr.Dennis C. Bartling (718-250-8090) is called and he informed that they already tested the tank. The test is passed. Within a week DEC will receive the test result. 02/28/06 Feroze, Tyree Company, NY. 631-249-3150 faxed me a letter that they already tested the tank. The test is passed. Within a week DEC will receive the test result. 03/03/06 Feroze,Tyree Company, NY. 631-249-3150 sent me a letter and it brought the message that there a loose fitting on the gauging system which they tightened and tested the tank. The tank test was passed. They sent me the passed tank test result. The spill is closed
Remarks:	TEST METHOD EASTER BROOK EZ LOCATOR PLUS;

Material:

Site ID:	Not reported
Operable Unit ID:	Not reported
Operable Unit:	Not reported
Material ID:	Not reported
Material Code:	Not reported
Material Name:	Not reported
Case No.:	Not reported
Material FA:	Not reported
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	332074
Spill Tank Test:	1548222
Tank Number:	002
Tank Size:	2000
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	10/7/2004
Test Method:	Unknown

233 East 1/4-1/2 0.487 mi. 2570 ft.

6 FAIRVIEW PL
6 FAIRVIEW PL
BROOKLYN, NY

LTANKS **S102233254**
HIST LTANKS **N/A**

Relative: Higher

Actual: 51 ft.

LTANKS:

Site ID:	322941
Spill No:	9511611
Spill Date:	12/12/1995
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/21/1995
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	12/14/1995
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/14/1995
Spill Record Last Update:	1/17/1996
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	PATRICIA ROGERS
Spiller Phone:	(718) 941-3707
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	260149
DEC Memo:	Not reported
Remarks:	caller reports hole in tank caused spill - tank is being replaced on monday - clean up crew has been contacted - spill also entered sewer trap

Material:

Site ID:	322941
Operable Unit ID:	1025834
Operable Unit:	01
Material ID:	358941
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

6 FAIRVIEW PL (Continued) **S102233254**

Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9511611
Spill Date: 12/12/1995
Spill Time: 14:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/21/95
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: O'DOWD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/14/95
Reported to Department Time: 09:03
SWIS: 61
Spiller Contact: PATRICIA ROGERS
Spiller Phone: (718) 941-3707
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /

6 FAIRVIEW PL (Continued) **S102233254**

Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/14/95
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/17/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 12/13/95 - REMOVED OIL SOAKED CARPET, PUT DOWN SPEEDY DRY, CLEANED OUT SEWER TRAP AND DEODORIZED. 12/14/95 - PUT SPEEDY DRY DOWN AST 275, PIN HOLES. 12/19/95 - SQUARED OFF CARPET, REMOVED 2 PLATES, NO MORE CONTAMINATION IN SEWER TRAP - PATCHED HOLES IN TANK WITH CEMENT.
Spill Cause: caller reports hole in tank caused spill - tank is being replaced on monday - clean up crew has been contacted - spill also entered sewer trap

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BD234 **1580 NOSTRAND AVE./NYTEL** **LTANKS** **S106703136**
ESE **1580 NOSTRAND AVE.** **HIST LTANKS** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.489 mi.
2581 ft. **Site 1 of 2 in cluster BD**

Relative:
Lower

Actual:
44 ft.

LTANKS:
Site ID: 219186
Spill No: 8705529
Spill Date: 9/29/1987
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 2/23/1993
Facility Addr2: Not reported
Cleanup Ceased: 2/23/1993
Cleanup Meets Standard: False
SWIS: 2401
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 10/1/1987

1580 NOSTRAND AVE./NYTEL (Continued) **S106703136**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/2/1987
Spill Record Last Update:	5/5/2004
Spiller Name:	Not reported
Spiller Company:	NYTEL
Spiller Address:	1580 NOSTRAND AVE.
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	181258
DEC Memo:	Not reported
Remarks:	(4) 550 GAL. GASOLINE TANKS FAILED TEST, LEAK RATE -.130G/HR. ISOLATE, AND RETEST.

Material:

Site ID:	219186
Operable Unit ID:	911694
Operable Unit:	01
Material ID:	468126
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	219186
Spill Tank Test:	1531781
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8705529
Spill Date:	09/29/1987
Spill Time:	17:00

1580 NOSTRAND AVE./NYTEL (Continued) **S106703136**

Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	02/23/93
Cleanup Ceased:	02/23/93
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	10/01/87
Reported to Department Time:	08:43
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYTEL
Spiller Address:	1580 NOSTRAND AVE.
Spiller City,St,Zip:	B'KLYB, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 395-5513
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-344311
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	10/02/87
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	02/15/94
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False

1580 NOSTRAND AVE./NYTEL (Continued) **S106703136**

Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: 4) 550 GAL. GASOLINE TANKS FAILED TEST, LEAK RATE -.130G/HR. ISOLATE, AND RETEST.

235
SW
1/4-1/2
0.489 mi.
2584 ft.

APT BLDG
1713 BEVERLY RD
BROOKLYN, NY

LTANKS **S103478408**
HIST LTANKS **N/A**

Relative:
Lower

Actual:
33 ft.

LTANKS:
Site ID: 137357
Spill No: 9808642
Spill Date: 10/12/1998
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/8/1999
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 10/12/1998
CID: 211
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 10/12/1998
Spill Record Last Update: 12/8/1999
Spiller Name: Not reported
Spiller Company: APT BLDG
Spiller Address: 1713 BEVERLY RD
Spiller City,St,Zip: BROOKLYN, NY -
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 117516
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND" 8/9/99 ORIGINALLY ASSIGNED TO MULQUEEN. RE-ASSIGNED TO SANGESLAND FOR FOLLOW UP. SPOKE WITH OWNER, RICHARD PARKOFF, 718-225-5046. TANK WAS ISOLATED, RETESTED, NEEDS TO BE REPLACED AS PER RECOMMENDATION OF CONTRACTOR. SMM. 11/30/99 TELEPHONE CALL WITH

APT BLDG (Continued) **S103478408**

PARKOFF MANAGEMENT. THEY SAY THE TANK WAS RETESTED AND PASSED. PROBLEM WAS IN RUSTED VENT LINE. ALL THIS WORK WAS REPAIRED. 12/8/99 DEC RECEIVED A LETTER FROM MICHAEL NACLERIO STATING THAT TANK WAS ISOLATED,RETESTED AND PASSED ON 11/18/99. SEVERAL PAGES OF EZ-HORNER TEST RESULTS FROM PETRO-CHEM TANK TESTING (518-483-8499) WERE ATTACHED. SPILL EVENT CLOSED 12/8/99

Remarks: TANK TEST FAILURE

Material:

Site ID:	137357
Operable Unit ID:	1066059
Operable Unit:	01
Material ID:	566478
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	137357
Spill Tank Test:	1546376
Tank Number:	1
Tank Size:	3000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

HIST LTANKS:

Region of Spill:	2
Spill Number:	9808642
Spill Date:	10/12/1998
Spill Time:	15:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/08/99
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SANGESLAND
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported

APT BLDG (Continued) **S103478408**

Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 10/12/98
Reported to Department Time: 15:20
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: APT BLDG
Spiller Address: 1713 BEVERLY RD
Spiller City,St,Zip: BROOKLYN, NY -
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: ( ) -
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-277916
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/12/98
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 12/08/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 3000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 8/9/99 ORIGINALLY ASSIGNED TO MULQUEEN. RE-ASSIGNED TO SANGESLAND FOR FOLLOW UP. SPOKE WITH OWNER, RICHARD PARKOFF, 718-225-5046. TANK WAS ISOLATED, RETESTED, NEEDS TO BE REPLACED AS PER RECOMMENDATION OF CONTRACTOR. SMM. 11/30/99 TELEPHONE CALL WITH PARKOFF MANAGEMENT. THEY SAY THE TANK WAS RETESTED AND PASSED. PROBLEM WAS IN RUSTED VENT LINE. ALL THIS WORK WAS REPAIRED. 12/8/99 DEC RECEIVED A LETTER FROM MICHAEL NACLERIO STATING THAT TANK WAS ISOLATED,RETESTED AND PASSED ON 11/18/99.SEVERAL PAGES OF EZ-HORNER TEST

APT BLDG (Continued) **S103478408**

RESULTS FROM PETRO-CHEM TANK TESTING 518-483-8499) WERE ATTACHED. SPILL EVENT CLOSED 12/8/99

Spill Cause: TANK TEST FAILURE

BD236 **NY TELEPHONE** **LTANKS** **S100167659**
ESE **1580 NOSTRAND AVE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.490 mi.
2586 ft. **Site 2 of 2 in cluster BD**

Relative:
Lower

Actual:
45 ft.

LTANKS:

Site ID:	75397
Spill No:	8900439
Spill Date:	4/14/1989
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/28/1995
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	4/14/1989
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/21/1989
Spill Record Last Update:	8/13/1997
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	SAM, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	181258
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" 06/23/95: TRANSFERRED LEAD TO TIBBE. ORIGINALLY WAS BATTISTA. SMM. SEE FILE.
Remarks:	2.5K TANK FAILED PETRO, L R = TOO FAST TO DETERMINE. E & I & R.

Material:

Site ID:	75397
Operable Unit ID:	926842
Operable Unit:	01
Material ID:	451777
Material Code:	0001
Material Name:	#2 Fuel Oil

NY TELEPHONE (Continued) **S100167659**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	75397
Spill Tank Test:	1535350
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8900439
Spill Date:	04/14/1989
Spill Time:	12:00
Spill Cause:	Tank Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/28/95
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	04/14/89
Reported to Department Time:	13:03
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	SAM
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 284-9984

NY TELEPHONE (Continued) **S100167659**

Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-344311
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/21/89
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/13/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 06/23/95: TRANSFERRED LEAD TO TIBBE. ORIGINALLY WAS BATTISTA. SMM. SEE FILE.
Spill Cause: 2.5K TANK FAILED PETRO, L R = TOO FAST TO DETERMINE. E I R.

237
NE
1/2-1
0.607 mi.
3207 ft.

FLATBUSH STATION B **Manufactured Gas Plants** **1008407887**
NOSTRAND. CLARKSON. NEW YORK AND PARKSIDE AVES **N/A**
BROOKLYN, NY 11225

Relative:
Higher

Actual:
58 ft.

Manufactured Gas Plants:
No additional information available

238
NE
1/2-1
0.644 mi.
3402 ft.

FLATBUSH STATION A AND B
NOSTRAND AVE. WINTHROP ST., NEW YORK AND PARKSIDE AV
BROOKLYN, NY 11225

Manufactured Gas Plants

1008407886
N/A

Relative:
Higher

Actual:
56 ft.

Manufactured Gas Plants:
No additional information available

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	1004760610	MTA NYCT - FLATBUSH AVE D Q B LINE	FLATBUSH & FLUSHING AVE &	11215	FINDS,RCRA-NLR
BROOKLYN	1004762009	NYCDEP - SHAFT 23	FLATBUSH AVE & TEMPLE ST	11226	FINDS,RCRA-NLR
BROOKLYN	1007205584	BELL ATLANTIC-NY	BEDFORD AVE BET AVE U	00000	RCRA-NLR
	1007206065	CONSOLIDATED EDISON CO	LEFFERTS AND BEDFORD 4800		RCRA-NLR,MANIFEST
QUEENS	1007206206	CONSOLIDATED EDISON	MANHOLE 4797-BEDFORD & MIDWOOD		RCRA-NLR,MANIFEST
QUEENS	1007206284	CONSOLIDATED EDISON	MH 3122 - BEDFORD AVE		RCRA-NLR,MANIFEST
QUEENS	1007206365	CONSOLIDATED EDISON	4797 - BEDFORD & MIDWOOD		RCRA-NLR,MANIFEST
QUEENS	1007206378	CONSOLIDATED EDISON	MH 3607 - 1441 FLATBUSH		RCRA-NLR,MANIFEST
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210-KINGS HWY & W 7TH ST		RCRA-NLR,MANIFEST
BROOKLYN	1009243612	CONSOLIDATED EDISON	MH3412-CORTELYOU RD & FLATBUSH		MANIFEST
BROOKLYN	1010787644	NYSDOT BIN 2067889	RTE 27 OVER 4TH AVE	11215	RCRA-LQG
BROOKLYN	S102142527	E 29TH ST & KINGS HWY	E 29TH ST & KINGS HWY		SPILLS,HIST SPILLS
BROOKLYN	S103938400	BOX 38486	KINGS HIGHWAY/ROCKAWAY PK		SPILLS,HIST SPILLS
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		SPILLS
BROOKLYN	S106971059	POLE 69882	AVE D AND KINGS HWY		SPILLS
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		SPILLS
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE KINGS		MANIFEST
	S109207895	205842; KINGS HWY	KINGS HWY		SPILLS
BROOKLYN	S109786463	CONSOLIDATED EDISON CO OF N.Y INC.	3412 FLATBUSH / CORTELYOU	11215	MANIFEST
BROOKLYN	S109786956	CON EDISON OF NYC,INC.	MYRTE AVE. + FLATBUSH AVE.		MANIFEST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/22/2010
Next Scheduled EDR Contact: 02/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 01/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/30/2010	Source: EPA
Date Data Arrived at EDR: 10/01/2010	Telephone: 703-412-9810
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 12/30/2010
Number of Days to Update: 119	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 01/11/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/01/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 03/14/2011
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/22/2010
Next Scheduled EDR Contact: 02/28/2011
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/05/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/05/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010
Date Data Arrived at EDR: 07/09/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 39

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/07/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 11/24/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 23

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 11/24/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/12/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 02/04/2011
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/19/2010
Date Data Arrived at EDR: 11/19/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2010
Date Data Arrived at EDR: 11/12/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 77

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/01/2010
Date Data Arrived at EDR: 11/05/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/04/2010
Date Data Arrived at EDR: 11/05/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/16/2010
Date Data Arrived at EDR: 11/19/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 70

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/04/2011
Date Data Arrived at EDR: 01/06/2011
Date Made Active in Reports: 02/07/2011
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 01/04/2011
Date Data Arrived at EDR: 01/06/2011
Date Made Active in Reports: 02/07/2011
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 01/04/2011
Date Data Arrived at EDR: 01/06/2011
Date Made Active in Reports: 02/04/2011
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/04/2011
Date Data Arrived at EDR: 01/06/2011
Date Made Active in Reports: 02/04/2011
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/10/2010
Date Data Arrived at EDR: 12/01/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 58

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/19/2010
Date Data Arrived at EDR: 11/19/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 70

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/16/2010
Date Data Arrived at EDR: 11/19/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 70

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 12/02/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 57

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2010
Date Data Arrived at EDR: 11/12/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 77

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/01/2010
Date Data Arrived at EDR: 11/05/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/17/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 12/31/1992
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 04/19/2007
Number of Days to Update: 78

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 12/22/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/30/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 12/22/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: No Update Planned

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 01/28/2011
Next Scheduled EDR Contact: 05/09/2011
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 01/12/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 02/04/2011
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 01/25/2011
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/08/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/07/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 60

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/08/2010
Next Scheduled EDR Contact: 03/21/2011
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/24/2010
Date Data Arrived at EDR: 08/25/2010
Date Made Active in Reports: 09/24/2010
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/22/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/05/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Annually

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/13/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2010
Date Data Arrived at EDR: 10/29/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/21/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 99

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/29/2010
Next Scheduled EDR Contact: 03/14/2011
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/04/2010
Date Data Arrived at EDR: 09/09/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/29/2010
Next Scheduled EDR Contact: 03/21/2011
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/17/2010
Next Scheduled EDR Contact: 03/14/2011
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/29/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/29/2010
Next Scheduled EDR Contact: 03/14/2011
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/29/2010
Next Scheduled EDR Contact: 03/14/2011
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 12/23/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 04/22/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 109

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/13/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/13/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/13/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 12/10/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/28/2010
Date Data Arrived at EDR: 11/09/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 12/21/2010
Date Data Arrived at EDR: 12/29/2010
Date Made Active in Reports: 02/04/2011
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 12/17/2010
Next Scheduled EDR Contact: 04/04/2011
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 11/16/2010
Date Data Arrived at EDR: 11/19/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 01/17/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 11/02/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 45

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 10/13/2010
Date Data Arrived at EDR: 12/30/2010
Date Made Active in Reports: 02/04/2011
Number of Days to Update: 36

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 12/22/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/07/2011
Next Scheduled EDR Contact: 05/09/2011
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/21/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: N/A

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 10/14/2010
Date Data Arrived at EDR: 10/14/2010
Date Made Active in Reports: 11/15/2010
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 01/12/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 02/04/2011
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/04/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 01/05/2011
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 02/07/2011
Number of Days to Update: 31

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/07/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 01/05/2011
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 02/07/2011
Number of Days to Update: 31

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/07/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/19/2010
Date Data Arrived at EDR: 11/30/2010
Date Made Active in Reports: 12/15/2010
Number of Days to Update: 15

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 02/07/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/19/2010
Date Data Arrived at EDR: 11/30/2010
Date Made Active in Reports: 12/14/2010
Number of Days to Update: 14

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 02/07/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 06/25/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 46

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/13/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 06/25/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 46

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/13/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/07/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Annually

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/07/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 05/05/2005
Date Data Arrived at EDR: 05/31/2005
Date Made Active in Reports: 06/30/2005
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/08/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 05/05/2005
Date Data Arrived at EDR: 05/31/2005
Date Made Active in Reports: 06/30/2005
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/08/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/01/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 11/22/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2010
Next Scheduled EDR Contact: 03/14/2011
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2010
Date Data Arrived at EDR: 05/14/2010
Date Made Active in Reports: 06/22/2010
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/24/2011
Next Scheduled EDR Contact: 05/09/2011
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/16/2010
Next Scheduled EDR Contact: 04/04/2011
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

STREET AND ADDRESS INFORMATION

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APPENDIX B – HEALTH AND SAFETY PLAN

SITE HEALTH AND SAFETY PLAN
PETROLEUM CLASS III

- The Project Manager or Site Safety Officer (SSO) must review the Site Health and Safety Plan (SHSP) with all members of the field crew, including Antea Group employees and subcontractors, ***prior to beginning all field work***.
- All field team members working in the contamination zone, or who may be exposed during the course of their work, shall have completed OSHA 40-hour HAZWOPER and annual refresher training (29 CFR 1910.120), CPR and First Aid training. ***Documentation of training shall be readily available***.
- Each Antea Group team member must review, sign and date the SHSP and the Acknowledgement Agreement on page 15.
- Each subcontractor employee and visitor must review the SHSP and sign, date, and describe their affiliation on page 16.
- Signed plan is kept in the field for duration of project and returned to the project file upon completion of field activities.
- SHSP shall be revised or rewritten if site activities are changed significantly, if areas of differing hazard are involved, or as information about contaminants and hazards changes. Changing conditions may justify either increasing or decreasing SHSP restrictions or action levels, depending upon the additional information generated.

I. GENERAL INFORMATION

ANTEA GROUP PROJECT NUMBER	**BG2244CHUR**		
Client:	The Babaev Group	Site Owner:	2244 Church Avenue Realty, LLC
Site Name:	Church Avenue	Client Claim/PO Number:	
Site Address:	2244 Church Avenue, Brooklyn, New York		
Project Manager:	Timothy Fisher		
Plan Prepared by:	Timothy Fisher	Date:	April 1, 2011
Approved by:	Timothy Fisher	Date:	April 1, 2011
Revised by:		Date:	
Revision Approved by:		Date:	

Place date(s) in appropriate box(es) for current phase(s) of site activities.

Site Activities	Soil Borings	Monitoring Well Installation	Tank Removal	Soil Excavation	Recovery Well Installation	Pilot Tests	Treatment System Construction	Soil and Ground Water Sampling	LNAPL Recovery	O&M
Site Assessment	X	X						X		
Remedial Investigation										
Site Remediation/ Construction Activities										

II. EMERGENCY CONTINGENCY PLAN

A. LOCAL EMERGENCY TELEPHONE NUMBERS (provide area code):

Can 911 be used at this site? Yes [X] No [ ] If yes, be certain it is activated and enhanced.

Since cellular telephones may not reach a local 911 operator, also supply the following information.

Ambulance	(718) 628-5757	Fire Department	(718) 999-2117
Hospital Emergency Room	(718) 270-4580	Police Department	(718) 963-4168 or 383-3879
Poison Control Center	(212) 764-7667	HazMat Response Unit	(718) 595-4659
(List utility companies as	(800) 272-4480		( )
appropriate)	( )		( )

B. EMERGENCY ROUTES:

Hospital* Name: SUNY Downstate Medical Center Phone number: (718) 270-1000

Hospital Address: 450 Clarkson Avenue, Brooklyn, NY 11203

Directions to nearest hospital: Head east on Church Avenue – go 0.2 miles; turn left onto Rogers Avenue – go 0.3 miles; turn right on Clarkson Avenue – go 0.4 miles; arrive at Hospital.

*** Hospital should be notified immediately if an injury occurs which requires medical attention.**

Estimated driving distance: 0.9 miles Estimated driving time: 4 minutes

Does hospital accept chemically contaminated patients? Yes [X] No [ ]

INCLUDE HIGHLIGHTED HOSPITAL ROUTE(S) ON SITE MAP AS LAST PAGE OF SITE HEALTH & SAFETY PLAN.

C. SITE RESOURCES:

If no, identify closest available resource with directions.

Water supply available on site:	Yes [ ]	No [X]	Bathrooms available on site:	Yes [ ]	No [X]
Telephone available on site:	Yes [ ]	No [X]	Electricity available on site:	Yes [ ]	No [X]
Other resources available on site:	Yes [ ]	No [X]	If "yes", identify:		

D. EMERGENCY CONTACTS:

			PHONE NUMBER (provide area codes)	
			Work	24-hr. Contact
1.	Project Manager:	Timothy Fisher	(914) 495-9935	(949) 375-1174
2.	Hub Manager:	Aaron Lapine	(914) 495-9934	(949) 244-4951
3.	Health and Safety Sr. Specialists:	Dustin Rusch	(920) 907-6218	(920) 251-4029
4.	Site Contact:	Tim Fisher	(914) 495-9935	(949) 375-1174
5.	Client Contact:	Meir Babaev	(917)-416-2701	
6.	Applicable Regulatory Agency:	OER – Maurizio Marezio Bertini	(212) 788-3922	
7.	Site Owner:	Meir Babaev	(917)-416-2701	

E. PROJECT HEALTH AND SAFETY TEAM:

Team Members (list)

Project Manager:	Timothy Fisher
Public Information:	
Antea Group on-site Personnel: (On-site personnel	On-site Antea Group Personnel
Are responsible for Antea Group site health and safety.)	On-site Antea Group Personnel
Antea Group Site Safety Officer:	Timothy Fisher or On-site Antea Group Personnel

PROJECT TEAM OSHA TRAINING RECORDS

Name	40 Hr Training Date	8-Hr Refresher Date	Site Supervisor Training Date
Erik Nimlos	2/22/2008	1/18/2011	1/19/2011
Tim Fisher	3/4/1999	4/22/2010	3/4/1999
Michael Coyne	11/4/2005	4/25/2010	10/24/2008
Melissa Shepard	7/23/2010	7/23/2010	11/1/2010
Matthew Del Balzo	2/18/2011	2/18/2011	
Armand Lucas	4/18/2010	7/28/2006	7/19/2006
Mara Grislis	4/22/2010	6/30/2006	12/8/2009
Jon Curran	4/22/2010	3/15/2001	3/15/2001
Igor Goldstein	2/11/1994	4/23/2010	5/24/1995

F. PERIMETER ESTABLISHMENT:

Map/Sketch attached:	**b**	**X**	**No**		**Site secured:**	**Yes**	**X**	**No**	
Perimeter identified:	**Yes**	**X**	**No**		**Zone(s) of Contamination identified:**	**Yes**	**X**	**No**	

Prevailing wind direction, if known (evacuation route and meeting location must be upwind or crosswind):

PRIMARY EVACUATION ROUTE AND MEETING LOCATION: **TBD on site**

SECONDARY EVACUATION ROUTE AND MEETING LOCATION: **TBD on site**

G. WORK ZONES:

An exclusion zone, contamination reduction zone and support zone will be identified for each site or site activity. The Exclusion Zone will be marked with yellow **CAUTION** tape, barricades and\or cones (each cone must be a minimum of 3-ft in height-not including the flag extension, total min. 42-inches), as needed. No person will be allowed in the exclusion zone or contamination reduction zone without approval from the Antea Group Site Safety Officer.

H. SITE SECURITY:

When work scheduling requires that an excavation be left open overnight, security fencing will be erected to restrict access to the site or work zones described in Section II.G.

I. SITE MAP: Attach at end of completed Site Health and Safety Plan. Include highlight route to nearest hospital.

III. <u>SITE CHARACTERIZATION</u>

A. Summary of Previous Site Investigation(s): Phase I ESA Rpt. (2/15/11)

B. Source of Previous Site Investigation Information:

Singer Environmental Group, ltd; Northeast Environmental Solutions, Inc; and Sovereign Consulting, Inc.

C. General Facility Description:

Gasoline Service Station [ ] Refinery [ ] Bulk Terminal [ ] Other:

Description: Active [ ] Years has the site been operating: [ ] Closed/Abandoned [X]

Site Activities (operations on-site, products, raw materials used, etc.): Site is currently vacant building and parking lot. Building was previously Veggie Burger Restaurant

Was the site used by previous owners?: Yes [X] No [ ]

Describe previous site activity: Veggie Burger Restaurant

Surface cover on-site includes:

[ ]	Soil/bare ground	[ ]	Clay caps	[ ]	Plastic cover
[ ]	Grass	[X]	Paving/asphalt	[ ]	Water bodies
[ ]	Woods	[ ]	Swamp	[ ]	Brush/scrub
[X]	Buildings	[ ]	Unpaved roads	[ ]	Other

Approximate site surface area: ____ sq. ft. or 0.52 acres

Percentage of surface area: paved 100 % bare soil %

vegetated % under water %

Potential for dust generation on-site: High [ ] Medium [ ] Low [x]

Any site access restrictions: Yes [ ] No [X] Please list:

Fenced/locked [ ] Posting (signs) [ ] Security guards [ ]

Evidence of public access to the site? Yes [x] No [ ]

If "yes," describe: Open parking lot

D. Regulatory Contacts:

Are regulatory agencies involved with the site (Y/N)? Federal? [n] State? [n] Local? [y]

Name	Agency	Phone (incl. area code)
Maurizio Marezio Bertini, PhD	NYC OER	(212) 788-3922
		( )
		( )
		( )

IV. WASTE CHARACTERIZATION

A. Waste/Contaminant Type(s)

Characteristic(s):

[ ] Liquid	[ ] Soil	[ ] Solid	[ ] Sludge	[ ] Gas
[ ] Corrosive	[ ] Ignitable	[ ] Radioactive	[ ] Explosive	[ ] Flammable
[ ] Volatile	[ ] Toxic	[ ] Reactive	[X] Unknown	[ ] Other

B. Major Spills/Releases:

Type	Date	Chemical	Quantity	Impacted Media*
None				

(*air, surface water, soil, or ground water)

Free Product: Yes [ ] No [x] Dissolved: Yes [ ] No [x]

Have removal actions occurred? Yes [ ] No [x]

If "yes," describe: _____

Is there evidence that contaminants present could cause vapor problems in structures on-site?

Yes [ ] No [x] If "yes," is building mechanically ventilated? Yes [ ] No [ ]

Exhaust Ventilation: _____ General Building Ventilation: _____

C. Chemicals/Waste Stored On-site (including petroleum products):

		How Many?	Size?	Chemical?
[ ]	Drums			
[ ]	Tanks			
[ ]	Vats			
[ ]	Surface impoundments			
[ ]	Pits/landfills			
[ ]	Other			

Identify all chemical products Antea Group will use or store on site:

_____

Material Safety Data Sheets (MSDSs) are **required** for site chemicals.
Please indicate where MSDSs can be found for this site:

[ ] MSDS Log/Binder (In Field) [ ] Attached (Additional Info. Optional)

V. REMEDIATION SYSTEM INFORMATION (complete when applicable)

Has system been installed? Yes [ ] No [x]

Describe: _____

_____

_____

Enclosed per codes?	Yes	☐	No	☐
Ventilated?	Yes	☐	No	☐
If "Yes," Explosion-proof?	Yes	☐	No	☐
Blower systems on a timer?	Yes	☐	No	☐

Have sound level surveys been conducted on site? Yes ☐ No ☐

If "Yes," record range of survey results and approximate distance from source:

dBA	Source	Distance from Source	Date

Check all energy sources on the remediation site:

☐	Electrical	☐	Mechanical	☐	Other (describe) _____
☐	Thermal	☐	Hydraulic		
☐	Chemical	☐	Pneumatic		

NOTE: If there is more than **1 energy source** on site, ***written, equipment-specific Lockout/Tagout Procedures are required!***

Written Lockout/Tagout Procedure required? Yes ☐ No ☐ Where is it located? _____

VI. HAZARD EVALUATION

Identify all chemicals that are present or are suspected of being present on site and list their maximum concentrations in soil/water. Information on hazardous properties is listed in **Appendix A.** For chemicals not shown in **Appendix A**, enter the hazardous property information in the spaces provided and attach a Material Safety Data Sheet. See notes below.

Chemical Name	*TLV*/PEL *(2002)*	Maximum Concentration in Soil (*P*)	Maximum Concentration in Water (*P*)	Health Hazards/ Comments
Gasoline	*300 ppm*	mg/kg	ug/l (ppb)	Irritant (skin, eye, mucous membranes), CNS narcotic
Toluene	*50 ppm* 200 ppm	mg/kg	ug/l (ppb)	Severe irritant (skin, eye), reproductive toxin, CNS narcotic
Xylene	*100 ppm* 100 ppm	mg/kg	ug/l (ppb)	Irritant (skin, eye, nose, throat), reproductive toxin, CNS narcotic
Benzene	*0.5 ppm* 1 ppm	mg/kg	ug/l (ppb)	Severe irritant (skin, eye), reproductive toxin, CNS narcotic, carcinogen
Ethylbenzene	*100 ppm* 100 ppm	mg/kg	ug/l (ppb)	Irritant (eye, skin, mucous membranes), mutagenic, acute CNS effects
Total BTEX	None Estab.	mg/kg	ug/l (ppb)	
Total Lead (elemental)	*0.05 mg/m^3* 0.05 mg/m^3	mg/kg	ug/l (ppb)	Carcinogen, neurotoxic
MTBE	*50 ppm*	mg/kg	ug/l (ppb)	Irritant
Naphthalene	*10 ppm* 10 ppm	mg/kg	ug/l (ppb)	Irritant (eye, skin)
Kerosene	*15 ppm*	mg/kg	ug/l (ppb)	Irritant, CNS narcotic
Diesel Fuel	*15 ppm*	mg/kg	ug/l (ppb)	Possible carcinogen, possible mutagen
For additional constituents of concern see MSDSs provided in Attachment A				

(*P*) = results pending; (NA) = not analyzed; **For "Free Product/LNAPL use the soluble limit at STP.**

Potential Hazards (check boxes that apply to the site):

	corroded containers		open lagoons		underground tanks		air stack emissions
	overhead electric lines		visible leachate		surface tanks		visible on-site releases
	visible soil contamination		Odors		observed tanks		visible off-site releases
	observed free product		Dust		confined spaces		visible on-site erosion
x	underground utilities		open pits		excess debris		on-site surface water contamination
	building contamination		no hazards		High Traffic issues		off-site surface water contamination

VII. PERSONAL PROTECTION & MONITORING EQUIPMENT GUIDELINES

A. PERSONAL PROTECTION:

Level of Protection: B [ ] C [ ] D [X] (with modifications) Modifications: _____

1. **All personnel working on Antea Group sites must wear hardhats, neon traffic safety vests, and safety shoes. Personnel working in the Exclusion Zone must also wear eye\face, and hand PPE appropriate to the task.**

2. (e.g. Nitrile, etc) gloves and tyvek/saranex suit should be worn if contact with contaminated water or soil is likely.

3. Hearing protection must be worn if noise levels prevent normal conversation at a distance of three feet.

4. No smoking, eating, or drinking is allowed in the exclusion or contamination reduction zones. **No Smoking anywhere on site.**

5. No Antea Group personnel shall conduct a confined space entry. In addition, No personnel shall approach any excavation area where there is danger of a wall collapse.

6. Respiratory protection is dependent on conditions listed below Section VII.B.3.

B. SURVEILLANCE EQUIPMENT AND MATERIALS:

1. Calibration: A qualified individual will calibrate before and after field activities the photoionization detector (PID) or flame ionization detector (FID).

2. Frequency: The breathing zone of Antea Group employees on-site will be monitored every hour (at a minimum) and recorded in the Antea Group field book. Monitoring should be conducted during tasks that may result in exposure to vapors.

3. Instrumentation

Instrument	Breathing Zone Reading	Action Taken
Photoionization detector (PID) or Flame ionization detector (FID)	Total Org.Vapors	
	Bkgrd - 2 ppm	**Level D.** Work may continue.
	2 - 50 ppm	**Level D.** Collect benzene detector tubes.
	50 - 500 ppm	**Level C.** Air-purifying respirator with organic vapor canisters. Collect benzene detector tubes.
	>500 ppm	**Leave area**. Contact Health & Safety Sr. Specialist.
	>5ppm above background down gradient of exclusion zone for more than 15 minutes	Work activities will be temp. halted and monitoring continued. If total organic vapor level readily decrease (per instantaneous reading) <5 ppm over background, work activities will resume.
	>5ppm but <25ppm above background down gradient of exclusion zone for more than 15 minutes	Work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

Instrument	Breathing Zone Reading	Action Taken
	>25ppm	Work activities will be shut down.
Explosion Meter	< 10% of LEL 10 - 20% of LEL > 20% of LEL	**Work may continue. Evaluate inhalation potential.** **Work may continue. Eliminate all ignition sources, Reduce the concentration &increase monitoring** frequency, consider use of ventilation. **Work must stop until LEL is Below 10%!**
Oxygen Meter	< 19.5% O_2 19.5% to 23.5% O_2 >23.5% O_2	**Leave area.** Re-enter only with SCBA. **Work may continue.** Investigate causes of changes above/below 21%. **Work must stop.** Ventilate before returning and retest atmosphere. O_2-rich atmospheres pose explosion hazards.

Instrument	Breathing Zone Reading	Action Taken
Hydrogen Sulfide (H_2S) Colorimetric Tubes or Monitors-- Some states with high regional H_2S have special, local monitoring requirements.	0-5 ppm 5-10 ppm >10 ppm	**Continue working.** **Requires Level B** including supplied air respirator or SCBA. Increase monitoring frequency. Contact Health & Safety Sr. Specialist. Supplied air respirator required due to poor warning properties and toxicity.
Sound Level Meter	< 85 dBA 85 - 90 dBA > 90 dBA	Suggest wearing hearing protection when it is necessary to raise voice to be heard at distance of 3 feet. **Hearing protection required.** Install warning signs for fixed noise sources. **Hearing protection required.** Employer must have Hearing Conservation Program.
Particulate Monitoring	>100 mcg/m3 downwind as compared to upwind for 15 minute period	Dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration

C. FIRST AID EQUIPMENT AND EMERGENCY PROCEDURES: (compile information on the Incident/Near Miss form located in Appendix B. Call the office ASAP.

1. First Aid Equipment:

Standard first aid kit (sized for number of individuals on-site).
Portable eye wash (appropriate for number of individuals on-site).

2. First Aid Procedures:

Ingestion:	Follow instructions from Poison Control Center or the MSDS.
Inhalation:	Move victim to fresh air. Seek medical attention if needed.
Dermal Exposure:	Remove contaminated clothing. Wash thoroughly with soap and water.

A first aid kit will be provided on-site for use in case of minor injuries. A portable eye wash will also be provided, and if a worker suffers a chemical splash in the eye, the field team will be instructed to flush the eye for 15 minutes and arrange for off-site medical treatment immediately. Workers will also be instructed to thoroughly wash with soap and water any unprotected skin that comes in direct contact with contaminated soil or water.

Workers providing CPR or First Aid should use Universal Precautions to control possible exposure to bloodborne and infectious agents. Report all CPR or First Aid assistance to the Health and Safety Sr. Specialist immediately.

3. Site Emergencies:

In the event of a fire or explosion, evacuate the site immediately and call the appropriate emergency phone numbers listed in Section II.A, page 2.

In case of a spill, try to contain with clean dirt, if feasible, and call the local fire department or hazardous materials response (HAZMAT) unit. Phone numbers are listed in Section II.A, page 2.

Have procedures for remediation system shutdown or emergency procedures been provided to site owner or manager?

☐ Yes ☐ No (Applies to sites with remediation systems in place).

VIII. SAFETY STANDARD OPERATING PROCEDURES (Also See Appendix C for Site Safety Checklist)

A. CHEMICAL HAZARDS:

A photoionization detector (PID) or flame ionization detector (FID) will be used to measure the relative concentration of hydrocarbon vapors. Monitoring for exposure to benzene vapors may be done using activated charcoal tubes and vacuum pumps, vapor badges, or benzene colorimetric tubes in the breathing zone when working with heavily contaminated soil or water. Action limits for use of respiratory protective equipment are outlined in Section VI.B above. All respiratory protection equipment shall be NIOSH/MSHA-approved and use shall conform to OSHA 29 CFR 1910.134. A written Respiratory Protection Program detailing selection, use, cleaning, storage, medical monitoring, training and fit testing of respiratory protective equipment is maintained at the Antea Group office.

In addition to being inhalation hazards, hydrocarbon compounds can also be absorbed through the skin. Skin contact with liquid hydrocarbons or fuel hydrocarbon-bearing soil should be prevented. In situations where sampling would result in direct skin contact with hydrocarbon liquids, saturated soil or contaminated equipment, nitrile gloves will be worn.

Drilling or digging may also liberate pockets of hydrogen sulfide (H_2S). While the characteristic "rotten egg" odor of H_2S is detectable at levels as low as 0.0005 ppm, prolonged detection is unreliable due to its olfactory fatigue properties. In open air on a typical petroleum remediation site, risk from exposure to H_2S is minimal. However, should H_2S be encountered, workers shall be instructed to stop drilling/digging and move to an upwind location until the vapors have dissipated, as measured by H_2S colorimetric detector tubes or other direct-reading instruments. The bore hole or excavation will be immediately backfilled.

A combination explosimeter/oxygen (O_2) meter will be available on-site to monitor the levels of flammable gases, such as petroleum vapors and methane. An explosimeter should also be used by a subcontractor to verify that the atmosphere inside an underground storage tank has been inerter prior to allowing the tank to be removed.

B. PHYSICAL HAZARDS:

1. Mechanical hazards: cuts, abrasions, contusions; slips, trips, falls; being struck or entrapped by moving parts of heavy equipment or falling objects. Such hazards will be minimized by keeping the work area free of equipment and debris that could cause slips, trips or falls and maintaining a safe distance from heavy equipment and moving machinery parts.

2. Electrical hazards: Possible excavation of unanticipated electrical cables and potential contact by heavy equipment with overhead power lines during drilling and excavation. Maintain at least 20 feet clearance from overhead power lines. If unavoidably close to overhead or buried power lines, turn power off and lock out circuit breaker. All equipment will be properly locked/tagged out when required by the Energy Lockout/Tagout Program and Safe Electrical Work Policy and Procedure for Antea Group Project Work. Avoid standing in water when operating electrical equipment.

3. Traffic hazards: Petroleum site work frequently necessitates working in parking lots, streets or other areas with vehicular traffic. In such instances, the work team will be wearing neon traffic safety vests and will use a combination of traffic cones (each cone\flag configuration must be a minimum of 42-inches in height) and barricades as necessary to prevent contact between workers, pedestrians and motor vehicles. Please refer to the PM approved Site Specific Traffic Plan (sketch) attached in front of the Hospital Route Plan in the back of this SHSP.

4. Open excavations: When scheduling or work conditions necessitate leaving excavations open overnight, security fencing will be erected to restrict access to the site or work zones described in Section II.G, page 3.

C. UTILITIES:

A minimum of 72 working hours prior to excavating, Underground Service Alert or the state equivalent:

Name _____ Phone _____

will be contacted and informed of the scheduled field activities. The underground service locator company will identify which underground utilities (e.g. electrical, gas, sewer, water, telephone, cable TV) are present and will notify their respective owners. The utilities will be located by their owners. **Prior to drilling or direct push, hand or air excavate (120% the width of the hole) and to a depth of at least 5 feet will be performed at all times** to ensure no utilities, lines or tanks are in the way. See Excavation Section. **Look for overhead utilities** as well.

Utility service locator company has been notified? **If applicable attach contact sheet to back of document.**	Date(s) _____ _____	Confirmation #, if applicable: _____ _____

D. WORK LIMITATIONS (time of day, weather, heat/cold stress):

In the event of severe weather, such as high winds, heavy rain or snow, tornadoes, electrical storms, or extreme temperatures, the SSO and PM shall determine whether work can continue without compromising site worker health and safety.

In high ambient temperatures (especially with high humidity), ***follow heat-stress precautions***. Drink plenty of cool water and/or electrolyte-replacement beverages (e.g., Gatorade). Take frequent breaks out of direct sunlight removing protective clothing. Increase number of breaks if pulse does not return to normal resting pulse during breaks. Alter schedules so work is conducted during early morning or evening. Work shall progress only under conditions of adequate lighting.

Symptoms of heat exhaustion and heat stress include:

- Profuse sweating **or** complete cessation of sweating;
- Changes in skin color;
- Increased respiration;
- Vision problems, confusion;
- Body temperatures in excess of 100°F; and
- Increased heart rate.

Any member of the work team who exhibits these symptoms should immediately be removed from the area and observed while resting in a shaded area after removal of impervious or restrictive clothing and after consumption of cool water or electrolyte fluid. If symptoms persist, immediate medical attention shall be sought.

In cold temperatures, especially when combined with high wind, follow hypothermia precautions:

- Drink warm liquids and take frequent work breaks in a wind-sheltered area; Monitor co-workers for signs of shivering, in coordination, or confusion and remove workers exhibiting these signs from the work area to a heated warming shelter.
- Dress in removable layers of insulated clothing to prevent sweating and use protective waterproof gear;
- Frostbite (superficial or deep tissue) can occur on any exposed skin at temperatures of 30.2^{o}F or colder.
- If available clothing does not give adequate protection to prevent hypothermia or frostbite (which can occur on any exposed skin), work should be modified or suspended until adequate clothing is available or until conditions improve.

If extreme cold conditions are encountered, follow the ACGIH TLV booklet's "work-warming regime" recommendations, taking an appropriate number of breaks in a heated warming shelter.

E. FIRE AND EXPLOSION HAZARDS:

During the course of underground storage tank removal, drilling, or remediation of petroleum impacted soil or ground water, the potential for fire and explosion of flammable vapors exists. Extreme caution should be taken to monitor for the presence of flammable vapors or conditions that could create flammable conditions. Explosimeters are available for this monitoring and action levels are defined in Section VII.B page 10. Fire extinguishers must be available on all sites with the potential for flammable vapors or electrical fires (i.e., systems, control panels). Use of fire extinguishers by employees trained in their use is limited to employee rescue or extinguishing relatively small, controllable fires. Antea Group does not expect or require its employees to fight fires.

In the event of a fire or explosion, the following action plan should be followed:

Shut down equipment and shut off all supply lines immediately if this can be done safely.

Evacuate the immediate area. At this point you may not know if a soil vapor fire has started or if a supply line, natural gas line, etc. has been hit. Tank, supply line, or remediation system fires are extremely hazardous and precautions must be taken to evacuate the area immediately.

Call 911 to notify the fire department. Antea Group employees are not trained fire brigades. Every fire should be treated as an emergency. Even if site personnel extinguish the fire, professional fire departments should evaluate the situation to ensure that the danger is over and that a fire will not reoccur.

Evaluate the situation to identify the source of the flammable vapors and to assess the danger to employees, the public and property. From a safe distance, try to determine if the fire is due to a ruptured supply line, ignited soil vapors or methane, or is electrical. This information should be communicated to the fire department. Small fires from known sources (i.e., engine fires, electrical panel fires, etc.) may be extinguished if the employee can do it without high risk. A soil vapor fire may eventually burn itself out. Soil stockpiles must be placed away from nearby structures and property lines. Extinguishing fires

in fuel vapor-laden soils with clean soil may be possible. **Employees or subcontractors shall not enter an excavation to attempt to extinguish a fire.**

F. NOISE/HEARING PROTECTION:

Workers shall be instructed in the recognition of noise hazards and shall be provided, and trained in the use of, hearing protective devices. Hearing protective devices shall be worn when working around heavy equipment, particularly drill rigs, or when background noise is so high that a worker has to shout to be heard at a distance of 3 feet.

G. LEVELS OF PROTECTION:

Work on typical petroleum remediation sites can usually be performed in Level D protection: hard hat, steel-toed work shoes/boots, cotton coveralls or long-sleeved shirts and long pants, eye protection, hearing protection, and gloves if needed.

If monitoring equipment or site conditions indicate the need to upgrade the level of protection to Level C, air-purifying respirators with organic vapor canisters (or other appropriate cartridges), Tyvek coveralls with hoods, chemical resistant inner and outer gloves, and disposable boot covers will be donned. Upon HSE Senior Specialist approval, dermal protection may be modified.

At no time will an Antea Group employee conduct work on any site requiring Level A protection. On work sites requiring Level B protection, workers will be provided with additional training and equipment. Health & Safety Sr. Specialist must be on-site at all times while Level B work is being conducted.

H. DECONTAMINATION PROCEDURE:

Level: B. [ ] C. [ ] D. [X]

Contamination may result from walking through contaminated soils or liquids, splashing liquids during sampling, use of or contact with contaminated equipment, or contact with air contaminants. Due to the volatile nature of petroleum hydrocarbons that may be encountered during drilling, hand-augering and sample collection procedures, the need to decontaminate equipment and vehicles will be minimal. Field team workers will be instructed to observe the following precautions to assure contaminants will not remain in contact with their skin.

- Tools, equipment and personnel will be decontaminated using procedure appropriate for level of personal protection worn.
- All contaminated, disposable clothing will be properly bagged for disposal and left on site. All personnel will be instructed to wash hands, face, neck and forearms at the end of the work shift and to shower at the end of the workday.
- **No eating or drinking will be permitted in the immediate vicinity of heavy equipment and/or drilling and excavating activities. No smoking is permitted on any Antea Group site at any time.**

Special decontamination requirements: Decon of drilling / excavation equipment as needed with Alconox soap and water.

I. CONFINED SPACES:

If entry into a confined space is necessary, a trained Antea Group Subcontractor shall be used and a Confined Space Entry Permit must be completed and authorized, and confined space entry procedures followed. Detailed information on Antea Group's Confined Space Entry procedures can be found in the Antea Group Health & Safety Manual and contact a Senior HSE Specialist.

Does this site have any permit-required confined spaces? Yes [ ] No [x]

J. INVESTIGATION-DERIVED MATERIAL DISPOSAL:

Soil cuttings and well development or sampling water shall be placed in 55-gallon drums on-site. Disposal methods of drummed soil and water will be determined based on laboratory analytical data. Proper disposal is the responsibility of the responsible party.

K. EXCAVATIONS:

All soil excavation and utility trenching is to be undertaken in strict conformance with all applicable local, state, and federal regulations. Entry into excavated areas or trenches is allowed only when:

1. Shoring, sloping and spoil pile placement is in conformance with 29 CFR 1926 Subpart P, and
2. Personal protection and monitoring, as detailed in this Site Health and Safety Plan, has been implemented.

Drilling and Excavating Health and Safety Guidance Procedures

PREP:

- Prior to conducting any subsurface work, a markout must ALWAYS be called in (approximately three working days before field work is scheduled - depending on the area). In some areas, not all markouts are performed by the "Call Before You Dig System". A Markout tracking sheet should be used. This will need to get filled out whenever a markout is called in. There will be an area where you will need to fill in the utilities contacted and identify utilities that are not listed. When a utility is not listed, you will need to contact that utility directly and obtain maps and/or get them to markout the property.

- Always search the file and request the client search files for an as-built of the station/facility.

WHEN ON SITE:

- Subcontractors are required to perform an on-site inspection of their heavy machinery each day prior to the start of fieldwork. The Antea Group Site Safety Officer (SSO) will observe the inspection. Any safety concerns identified by the subcontractor must be addressed prior to the use of the equipment. During the inspection, the subcontractor must verify that all rig/vehicle kill switches are working properly. Antea Group employees on-site must be informed of the location of the kill switches and how to operate them.

- As part of your on-site health and safety meeting, walk the site with the drillers and identify possible boring locations (make sure the locations shown on the work plan/site plan are in areas free of utilities/subsurface structures). Make sure all utilities have been marked out properly. It is your responsibility for our client to ensure all boring locations are clear of utilities prior to drilling. Often “as-builts” are incorrect or not available.

- Attempt to determine how all utilities are running. For the most part, utilities can run anywhere and can bend and twist in any direction but, there are a few basic things to keep in mind. Usually water and sewer lines will run to a bathroom. Electrical will run in between on-site lights, the kiosk and SS building. Storm water drains usually tie into one another and you can get a general idea of how they run by looking into them and seeing what direction the line is going. Obviously any cut outs in the asphalt should be avoided, especially if observed around the USTs (often, leak detection is an afterthought and is added following the completion of the service station rebuild and its location is obvious due to a continuous cut out in the asphalt around the tank field).

- WE SHOULD NOT DRILL OR EXCAVATE WITHIN TEN FEET OF THE TANK FIELD, USTs OR PUMP ISLANDS. IN ADDITION, DO NOT DRILL IN BETWEEN THE PUMP ISLAND AND THE TANK FIELD. Should drilling be required within Ten feet of the above noted systems, an “air knife” should be utilized to a depth of at least ten feet below grade surface (bgs). Drilling within five feet of the above noted systems will require the station and tank systems to be shut down. It may be helpful to open up tank field manways and identify the general direction that the product lines are running.

- ALWAYS HAND or AIR EXCAVATE (110% the width of the proposed hole) TO AT LEAST FIVE FEET bgs. If you are going in the same location as a previously installed point and the diameter of the new boring/well is larger, you must hand auger. In addition, if you didn't advance the "old" boring yourself, you can't assume that it is a safe drilling location. Refusal may have been encountered in the "old" location. If refusal with the hand auger is encountered prior to five feet, move to a new location. If you make three attempts without success, call office to discuss alternatives. If you can't reach the PM contact your UM for further instruction.

- If you encounter pea-gravel while excavating STOP. Call the Antea Group PM for further instruction. Utilities or USTs may be present.

- If you hit/damage any utility/subsurface feature IMMEDIATELY contact the office for further instruction. If you can't reach the PM contact your UM for further instruction. Also contact your HSE Sr. Specialists.

L. SUBCONTRACTOR SHSPs

All subcontractors of Antea Group shall be responsible for the development and implementation of their own SHSP to cover duties and hazards specific to that subcontractor's area of expertise or on-site functions. Subcontractors are given the opportunity to review Antea Group's SHSP, and must sign the document, prior to the start of on-site work.

Any hazardous work situations or procedures should be reported to the Antea Group Site Safety Officer so that corrective measures may be taken.

IX. ACKNOWLEDGMENT AGREEMENT

ANTEA GROUP EMPLOYEE
SITE HEALTH AND SAFETY PLAN REVIEW RECORD

I acknowledge that I have read and understood the contents of this Site Health and Safety Plan and I agree to abide by all provisions as set forth. I have also checked in with the site client contact to alert them of our presence and for any daily safety issues. Please note: "no implements are to be brought on an Antea Group site, or while performing Antea Group business that are, or are intended to be used, as weapons (such as: guns, knives, etc.)". Firearms are expressly prohibited. By signing below you are certifying, that this policy is upheld. Antea Group retains the option to audit your personnel and equipment to assure your compliance.

Signature	Date

SUBCONTRACTOR & VISITOR
SITE HEALTH AND SAFETY PLAN REVIEW RECORD

SITE: _____

I have read the Site Health and Safety Plan for this site and have been briefed on the nature of the contaminants and the level and degree of exposure likely as a result of participation in this project. I agree to conform to all the requirements of this plan. This SHSP does not replace the requirement or liability for your company to have it's own safety program and SHSP. I also acknowledge that this plan is specific for this Antea Group. site and may not address unforeseen hazards not included in the Site Health and Safety Plan or your specific contracted task. Please note: "no implements are to be brought on a Antea Group site, or while performing Antea Group business that are, or are intended to be used, as weapons (such as: guns, knives, etc.)". Firearms are expressly prohibited. By signing below you are certifying, that this policy is upheld. Antea Group retains the option to audit your personnel and equipment to assure your compliance.

Name	Signature	Affiliation	Date

PETROLEUM CLASS III SHSP--HAZARDOUS PROPERTY INFORMATION (REV. 12-05-00)

Material	Water Solubility[A & B]	Specific Gravity[C]	Vapor Density[D]	Flash Point °F[E]	Vapor Pressure mm/Hg[F]	%LEL/ %UEL[G]	LD 50 mg/kg[H]	TLV-TWA *PEL*[I]	IDLH Level[J]	Recommended Respiratory Protection/Max. Use Concentration *Odor Threshold*[K]	Hazard Property[L]	Dermal Toxicity[M]	Acute Exposure Symptoms[N]
Benzene	0.18%	0.877	2.8	12	75 (20 °C)	1.2/7.8	930	*0.5 ppm* 1 ppm	500 ppm	½/OV/1ppm FF/OV/10 ppm *4.68 ppm*	BCDGI	CGI	BCDFHIKLM NOQR
Diesel Fuel	Insoluble	0.81-0.90	NA	130	NA	0.6-1.3 6-7.5	None Estab.	100 mg/m^3 (14 ppm)	None Estab.	*0.7 ppm*	BCD	CI	BCDFHIKLM NP
Ethylbenzene	0.014%	0.867	4.45	70	10 (26 °C)	0.8/6.7	3500	100 ppm *100 ppm*	800 ppm	½/OV/1000 ppm *140 ppm*	BCDI	CFI	ABFHIKLMNP QR
Gasoline	Insoluble	0.72-0.76	3-4	-50	Var.	1.4/7.6	None Estab.	300 ppm	None Estab.	½/OV/300 ppm *.25 ppm*	BCD	CI	BCEFHIKLMN P
Kerosene	Insoluble	0.83-1.0	4.5	100-165	5	0.7/5.0	None Estab.	100 mg/m^3	None Estab.	*1 ppm*	CD	CI	BCDFHIKLM NP
Lead (elemental)	Insoluble[B]	11.34	NA	NA	NA	NA	Varies by Cmpd.	0.05 mg/m^3 *0.05 mg/m^3*	100 mg/m^3	½/HEPA/0.05 mg/m^3 FF/HEPA/0.25 mg/m^3	C		ACDFGHOR
MTBE (methyl tertiary butyl ether)	Moderate	0.74	Unavlbl.	-16	245 (25 °C)	1.6/8.4	2.96 g/kg	40 ppm *None Estab.*	None Estab.	Unavailable	BD	A	BFK
Naphthalene	Insoluble	1.145	4.42	190	.23 (25 °C)	.9/5.9	490	10 ppm *10 ppm*	250 ppm	½/OV/10 ppm FF/OV/<50 ppm	C	CGI	BKLNQ
Tetraethyl lead	Insoluble[B]	1.653	8.6	199	0.2 mm (20 °C)	1.8/ Unkn	12.3	0.10 mg/m^3 (Skin) *0.075 mg/m^3 (Skin)*	40 mg/m^3	Supplied Air Warning Unknown	CG	CFI	N
Tetramethyl lead	Insoluble[B]	1.999	6.5	100	22.5 mm (20 °C)	Unkn/ Unkn	105	0.15 mg/m^3 (Skin) *0.075 mg/m^3 (Skin)*	40 mg/m^3	Supplied Air Poor Warning	CG	CFI	N
Toluene	0.05	0.866	3.2	39	21 (20 °C)	1.27/7	2000	50 ppm (Skin) *200 ppm*	2000 ppm	½/OV/200 ppm FF/OV/400 ppm *0.17-40 ppm (300-400 ppm)--Olfactory Fatigue*	BCI	BHE	BEFHIKLMN OPQ
Xylenes	Insoluble	0.868	3.68	63-81	9 mm (20 °C)	1.1/6.6-7.0	5000	100 ppm *100 ppm*	900 ppm	½/OV/<100 ppm	BCI	CFI	BEFHIKLMNP

APPENDIX A

PETROLEUM CLASS III SHSP--HAZARDOUS PROPERTY INFORMATION
Explanations and Footnotes

A	Water solubility expressed as 0.2 g means 0.2 grams per 100 grams of water at 20 °C. Water solubility is expressed in different terms in different references. Many references use the term "insoluble" for materials that will not readily mix with water, such as gasoline. However, most of these materials are water soluble at the part per million or part per billion level. Gasoline, for example, is nearly insoluble and will be found as a discrete layer on top of the ground water. But certain gasoline constituents, such as benzene, toluene, and xylene, will also be found in solution in the ground water at the part per million or part per billion level.
B	Solubility of metals depends on the compound in which they are present.
C	Specific gravity is the ratio of the density of a substance to the density of a reference substance. For solids and liquids, the reference substance is water; for gases, the reference substance is air. Specific gravity is expressed in units of g/cc (for solids and liquids) or g/l (at 0 °C and 760 mm Hg) for gases.
D	Vapor density is the weight/unit volume expressed as grams/cubic centimeter liquids.
E	Flash point is the temperature at which a liquid or volatile solid gives off sufficient vapor to form an ignitable mixture with the air. Flash points may be determined by the open cup method or closed cup method. Several chlorinated hydrocarbons exhibit no flash point in the conventional sense, but will burn in the presence of high energy ignition sources or will form explosive mixtures at temperatures above 200 °F.
F	Vapor pressure is the pressure at a given temperature of a vapor in equilibrium with its liquid or solid form. It is expressed as mm Hg at 1 atm. Temperatures vary...see chart.
G	Lower explosive limit (LEL) and Upper explosive limit (UEL) are the minimum and maximum concentrations of a gas or vapor in air that will support flame. LEL and UEL are expressed as % in air at ambient or room temperature.
H	LD_{50} is the quantity of a substance administered by ingestion that is necessary to kill 50% of the test animals exposed to it within a specified time.
I	Threshold limit value as a time-weighted average (TLV-TWA) is the concentration for a normal 8-hr workday and 40-hr work week to which nearly all workers may be repeatedly exposed, day after day, without adverse effect. Values reported are the current ACGIH Threshold Limit Value-Time Weighted Average (TLV-TWA) and OSHA Permissible Exposure Limit (PEL). All PELs are based on pre-1989 values, per OSHA's 1993 decision to vacate the 1989 PELs.
J	Immediately Dangerous to Life and Health (IDLH) concentrations represent the maximum concentrations from which, in the event of a respirator failure, one could escape within 30 minutes without a respirator and without experiencing any escape-impairing or irreversible health effects.
K	Recommended Respiratory Protection/Max. Use Concentration is used to show the limits for respirator style and contaminant concentration. The codes in the table refer to the following: ½ = Half-face, air-purifying respirator FF = Full-face, air-purifying respirator OV = Organic vapor canisters HEPA = High Efficiency Particulate Air canisters PAPR = Powered Air-purifying Respirator The Odor Threshold is the lowest concentration at which one may detect an odor or experience a warning effect such as taste, eye irritation, etc., which varies with individual susceptibility.
L	Hazard Property: A - Corrosive / D - Volatile / G - Carcinogen B - Flammable / E - Reactive / H - Infectious C - Toxic / F - Radioactive / I - Reproductive Toxin *Note: A reproductive toxin is a compound (chemical) that affects the reproductive organs (generally the sperm and eggs, but sometimes the physical structure of the testes or ovaries, too). It can affect the reproductive organs of males, females, or both; it can affect the reproductive organs of an adult or child; it can affect the reproductive organs of a developing fetus with or without affecting the mother.*
M	Dermal toxicity data is summarized in the following three categories: 1. **Skin Penetration** A - negligible penetration (solid-polar) + B - slight penetration (solid-nonpolar) ++ C - moderate penetration (liquid/solid-nonpolar) +++ D - high penetration (gas/liquid-nonpolar) 2. **Systemic Potency** E - Slightly Toxic (LD50 = 5 - 15 g/kg) — Lethal dose for 70 kg adult = 1 pint to 1 quart F - Moderately Toxic (LD50 = 0.5 - 5 g/kg) — Lethal dose for 70 kg adult = 1 ounce to 1 pint G - Extremely toxic (LD50 = 5 - 50 mg/kg) — Lethal dose for 70 kg adult = 7 drops to 1 teaspoon 3. **Local Potency** H - slight - reddening of the skin I - moderate - irritation/inflammation of skin J - extreme - tissue destruction/necrosis
N	Acute Exposure Symptoms A - abdominal pains / G - diarrhea / M - respiratory irritation B - central nervous system depression / H - drowsiness / N - skin C - comatose / I - dyspnea / O - tremors D - convulsions / J - fever / P - unconsciousness E - confusion / K - headache / Q - vomiting F – dizziness / L - nausea / R - weakness

APPENDIX B

Insert Incident/ Near Miss Report (page 1 of 2)

5 Day Site Safety Checklist

SITE NAME: _____

SITE NUMBER: _____

Check if OK, NA if not applicable

DATE: _____

Pre-mobilization

Updated health and safety plan _____

Emergency phone numbers for utilities included _____

Proper personal protective equipment (PPE) selected & inspected-

- Hard hat _____
- Safety glasses (with side shields) _____
- Hearing protection _____
- Safety vest _____
- Work gloves _____
- Sampling gloves (PM specify type)_____ _____
- Protective coveralls (specify, Tyvek, Nomex, etc.) _____ _____
- Safety boots _____
- Respirator/cartridges (PM identify proper cartridges) _____

Other protective equipment-

- Eye wash (check expiration date) _____
- Fire extinguisher (visually inspected within last 30 days) _____
- First aid kit (inventory and check expiration dates) _____
- Safety cones (or flashing traffic light) _____

Underground utility hazards identified and addressed _____
(provide public utility one-call ticket or job number: _____.)

	DATE				
On-Site Pre-Work					
Review site hazards and HASP w/ site workers	_____	_____	_____	_____	_____
Review route to hospital	_____	_____	_____	_____	_____
Site workers sign HASP acknowledgement page	_____	_____	_____	_____	_____
Place HASP and emergency numbers in visible location	_____	_____	_____	_____	_____
Designate evacuation signal and meeting place	_____	_____	_____	_____	_____

	DATE				
Delineate exclusion zone	_____	_____	_____	_____	_____
Check subcontractor PPE-					
Hard hat	_____	_____	_____	_____	_____
Safety glasses (with side shields)	_____	_____	_____	_____	_____
Hearing protection	_____	_____	_____	_____	_____
Safety vest	_____	_____	_____	_____	_____
Work gloves	_____	_____	_____	_____	_____
Sampling gloves	_____	_____	_____	_____	_____
Protective coveralls (specify, Tyvek, Nomex, etc.) _____	_____	_____	_____	_____	_____
Safety boots	_____	_____	_____	_____	_____
Respirator	_____	_____	_____	_____	_____
Subcontractors-					
Subcontractor has own HASP or field SOPs on-site (when required)	_____	_____	_____	_____	_____
Confirm sub. equipment (e.g., drill rig, ext. cords) is in sound working condition	_____	_____	_____	_____	_____
Drilling subcontractor: drill rig kill switch identified, located and tested	_____	_____	_____	_____	_____
Overhead hazards identified and addressed	_____	_____	_____	_____	_____
On-Site Work					
Proper PPE worn by site workers	_____	_____	_____	_____	_____
Breathing zone monitoring performed and recorded	_____	_____	_____	_____	_____

(Specify any new hazards identified on-site not addressed by site HASP. If new hazard cannot be mitigated by the existing scope-of-work and/or available equipment on-site, stop work and immediately contact the site project manager.)

_____

_____

_____

_____

(Sign and date at the end of the field work.)

Name: _____

Signature: _____

Date: _____

REPORT ALL INCIDENTS AND NEAR MISSES IMMEDIATELY

Appendix A

APPENDIX A

PETROLEUM CLASS III SHSP--HAZARDOUS PROPERTY INFORMATION
Explanations and Footnotes

A	Water solubility expressed as 0.2 g means 0.2 grams per 100 grams of water at 20 °C. Water solubility is expressed in different terms in different references. Many references use the term "insoluble" for materials that will not readily mix with water, such as gasoline. However, most of these materials are water soluble at the part per million or part per billion level. Gasoline, for example, is nearly insoluble and will be found as a discrete layer on top of the ground water. But certain gasoline constituents, such as benzene, toluene, and xylene, will also be found in solution in the ground water at the part per million or part per billion level.
B	Solubility of metals depends on the compound in which they are present.
C	Specific gravity is the ratio of the density of a substance to the density of a reference substance. For solids and liquids, the reference substance is water; for gases, the reference substance is air. Specific gravity is expressed in units of g/cc (for solids and liquids) or g/l (at 0 °C and 760 mm Hg) for gases.
D	Vapor density is the weight/unit volume expressed as grams/cubic centimeter liquids.
E	Flash point is the temperature at which a liquid or volatile solid gives off sufficient vapor to form an ignitable mixture with the air. Flash points may be determined by the open cup method or closed cup method. Several chlorinated hydrocarbons exhibit no flash point in the conventional sense, but will burn in the presence of high energy ignition sources or will form explosive mixtures at temperatures above 200 °F.
F	Vapor pressure is the pressure at a given temperature of a vapor in equilibrium with its liquid or solid form. It is expressed as mm Hg at 1 atm. Temperatures vary...see chart.
G	Lower explosive limit (LEL) and Upper explosive limit (UEL) are the minimum and maximum concentrations of a gas or vapor in air that will support flame. LEL and UEL are expressed as % in air at ambient or room temperature.
H	LD_{50} is the quantity of a substance administered by ingestion that is necessary to kill 50% of the test animals exposed to it within a specified time.
I	Threshold limit value as a time-weighted average (TLV-TWA) is the concentration for a normal 8-hr workday and 40-hr work week to which nearly all workers may be repeatedly exposed, day after day, without adverse effect. Values reported are the current ACGIH Threshold Limit Value-Time Weighted Average (TLV-TWA) and OSHA Permissible Exposure Limit (PEL). All PELs are based on pre-1989 values, per OSHA's 1993 decision to vacate the 1989 PELs.
J	Immediately Dangerous to Life and Health (IDLH) concentrations represent the maximum concentrations from which, in the event of a respirator failure, one could escape within 30 minutes without a respirator and without experiencing any escape-impairing or irreversible health effects.
K	Recommended Respiratory Protection/Max. Use Concentration is used to show the limits for respirator style and contaminant concentration. The codes in the table refer to the following: ½ = Half-face, air-purifying respirator FF = Full-face, air-purifying respirator OV = Organic vapor canisters HEPA = High Efficiency Particulate Air canisters PAPR = Powered Air-purifying Respirator The Odor Threshold is the lowest concentration at which one may detect an odor or experience a warning effect such as taste, eye irritation, etc., which varies with individual susceptibility.
L	Hazard Property: A - Corrosive B - Flammable C - Toxic D - Volatile E - Reactive F - Radioactive G - Carcinogen H - Infectious I - Reproductive Toxin *Note: A reproductive toxin is a compound (chemical) that affects the reproductive organs (generally the sperm and eggs, but sometimes the physical structure of the testes or ovaries, too). It can affect the reproductive organs of males, females, or both; it can affect the reproductive organs of an adult or child; it can affect the reproductive organs of a developing fetus with or without affecting the mother.*
M	Dermal toxicity data is summarized in the following three categories: 1. **Skin Penetration** A - negligible penetration (solid-polar) + B - slight penetration (solid-nonpolar) ++ C - moderate penetration (liquid/solid-nonpolar) +++ D - high penetration (gas/liquid-nonpolar) 2. **Systemic Potency** E - Slightly Toxic (LD50 = 5 - 15 g/kg) — Lethal dose for 70 kg adult = 1 pint to 1 quart F - Moderately Toxic (LD50 = 0.5 - 5 g/kg) — Lethal dose for 70 kg adult = 1 ounce to 1 pint G - Extremely toxic (LD50 = 5 - 50 mg/kg) — Lethal dose for 70 kg adult = 7 drops to 1 teaspoon 3. **Local Potency** H - slight - reddening of the skin I - moderate - irritation/inflammation of skin J - extreme - tissue destruction/necrosis
N	Acute Exposure Symptoms A - abdominal pains B - central nervous system depression C - comatose D - convulsions E - confusion F – dizziness G - diarrhea H - drowsiness I - dyspnea J - fever K - headache L - nausea M - respiratory irritation N - skin O - tremors P - unconsciousness Q - vomiting R - weakness

MSDS Number: **T0767** * * * * * *Effective Date:* ***05/19/08*** * * * * * *Supercedes:* ***08/16/05***

MSDS *Material Safety Data Sheet*

From: **Mallinckrodt Baker, Inc.**
222 Red School Lane
Phillipsburg, NJ 08865

Mallinckrodt CHEMICALS J.T.Baker

24 Hour Emergency Telephone: 908-859-2151
CHEMTREC: 1-800-424-9300

National Response in Canada
CANUTEC: 613-996-6666

Outside U.S. and Canada
Chemtrec: 703-527-3887

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

All non-emergency questions should be directed to Customer Service (1-800-582-2537) for assistance.

TETRACHLOROETHYLENE

1. Product Identification

Synonyms: ethylene tetrachloride; tetrachloroethene; perchloroethylene; carbon bichloride; carbon dichloride
CAS No.: 127-18-4
Molecular Weight: 165.83
Chemical Formula: Cl2C:CCl2
Product Codes:
J.T. Baker: 9218, 9360, 9453, 9465, 9469
Mallinckrodt: 1933, 8058

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Tetrachloroethylene	127-18-4	99 - 100%	Yes

3. Hazards Identification

Emergency Overview

WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AFFECTS CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEYS. SUSPECT CANCER HAZARD. MAY CAUSE CANCER. Risk of cancer depends on level and duration of exposure.

SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate (Poison)
Flammability Rating: 0 - None
Reactivity Rating: 1 - Slight
Contact Rating: 2 - Moderate (Life)
Lab Protective Equip: GOGGLES; LAB COAT; VENT HOOD; PROPER GLOVES
Storage Color Code: Blue (Health)

Potential Health Effects

Inhalation:
Irritating to the upper respiratory tract. Giddiness, headache, intoxication, nausea and vomiting may follow the inhalation of large amounts while massive amounts can cause breathing arrest, liver and kidney damage, and death. Concentrations of 600 ppm and more can affect the central nervous system after a few minutes.
Ingestion:
Not highly toxic by this route because of low water solubility. Used as an oral dosage for hookworm (1 to 4 ml). Causes abdominal pain, nausea, diarrhea, headache, and dizziness.
Skin Contact:
Causes irritation to skin. Symptoms include redness, itching, and pain. May be absorbed through the skin with possible systemic effects.
Eye Contact:
Causes irritation, redness, and pain.
Chronic Exposure:
May cause liver, kidney or central nervous system damage after repeated or prolonged exposures. Suspected cancer risk from animal studies.
Aggravation of Pre-existing Conditions:
Persons with pre-existing skin disorders or eye problems or impaired liver or kidney function may be more susceptible to the effects of the substance. The use of alcoholic beverages enhances the toxic effects.

4. First Aid Measures

Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion:
Aspiration hazard. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact:
Wash skin with soap or mild detergent and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician.
Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Note to Physician:
Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning.

5. Fire Fighting Measures

Fire:
Not considered to be a fire hazard but becomes hazardous in a fire situation because of vapor generation and possible degradation to phosgene (highly toxic) and hydrogen chloride (corrosive). Vapors are heavier than air and collect in low-lying areas.
Explosion:
Not considered to be an explosion hazard. Containers may explode when involved in a fire.
Fire Extinguishing Media:
Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire exposed containers cool.
Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material (soda ash, lime), then absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

7. Handling and Storage

Store in a cool, dry, ventilated area away from sources of heat or ignition. Isolate from flammable materials. Protect from direct sunlight. Wear special protective equipment (Sec. 8) for maintenance break-in or where exposures may exceed established exposure levels. Wash hands, face, forearms and neck when exiting restricted areas. Shower, dispose of outer clothing, change to clean garments at the end of the day. Avoid cross-contamination of street clothes. Wash hands before eating and do not eat, drink, or smoke in workplace. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:
-OSHA Permissible Exposure Limit (PEL):
100 ppm (TWA), 200 ppm (ceiling),
300 ppm/5min/3-hour (max)

-ACGIH Threshold Limit Value (TLV):
25 ppm (TWA), 100 ppm (STEL); listed as A3, animal carcinogen
Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.
Personal Respirators (NIOSH Approved):
If the exposure limit is exceeded, wear a supplied air, full-facepiece respirator, airlined hood, or full-facepiece self-contained breathing apparatus.
Skin Protection:
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Eye Protection:
Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:

Clear, colorless liquid.
Odor:
Ethereal odor.
Solubility:
0.015 g in 100 g of water.
Specific Gravity:
1.62 @ 20C/4C
pH:
No information found.
% Volatiles by volume @ 21C (70F):
100
Boiling Point:
121C (250F)
Melting Point:
-19C (-2F)
Vapor Density (Air=1):
5.7
Vapor Pressure (mm Hg):
18 @ 25C (77F)
Evaporation Rate (BuAc=1):
0.33 (trichloroethylene = 1)

10. Stability and Reactivity

Stability:
Stable under ordinary conditions of use and storage. Slowly decomposed by light. Deteriorates rapidly in warm, moist climates.
Hazardous Decomposition Products:
Carbon dioxide and carbon monoxide may form when heated to decomposition. Hydrogen chloride gas and phosgene gas may be formed upon heating. Decomposes with moisture to yield trichloroacetic acid and hydrochloric acid.
Hazardous Polymerization:
Will not occur.
Incompatibilities:
Strong acids, strong oxidizers, strong alkalis, especially NaOH, KOH; finely divided metals, especially zinc, barium, lithium. Slowly corrodes aluminum, iron and zinc.
Conditions to Avoid:
Moisture, light, heat and incompatibles.

11. Toxicological Information

Oral rat LD50: 2629 mg/kg; inhalation rat LC50: 4100 ppm/6H; investigated as a tumorigen, mutagen, reproductive effector.

--------\Cancer Lists\----------

Ingredient	---NTP Carcinogen--- Known	Anticipated	IARC Category
Tetrachloroethylene (127-18-4)	No	Yes	2A

12. Ecological Information

Environmental Fate:
When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released to water, this material is expected to quickly evaporate. When released into water, this material is not expected to biodegrade. This material is not expected to significantly bioaccumulate. When released into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals.
Environmental Toxicity:
The LC50/96-hour values for fish are between 1 and 10 mg/l. The LC50/96-hour values for fish are between 10 and 100 mg/l. This material is expected to be toxic to aquatic life.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: TETRACHLOROETHYLENE
Hazard Class: 6.1
UN/NA: UN1897
Packing Group: III

Information reported for product/size: 4L

International (Water, I.M.O.)

Proper Shipping Name: TETRACHLOROETHYLENE
Hazard Class: 6.1
UN/NA: UN1897
Packing Group: III
Information reported for product/size: 4L

International (Air, I.C.A.O.)

Proper Shipping Name: TETRACHLOROETHYLENE
Hazard Class: 6.1
UN/NA: UN1897
Packing Group: III
Information reported for product/size: 4L

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15. Regulatory Information

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--------\Chemical Inventory Status - Part 1\---------------------------------
Ingredient                                      TSCA  EC   Japan  Australia
----------------------------------------------  ----  ---  -----  ---------
Tetrachloroethylene (127-18-4)                   Yes  Yes   Yes      Yes

--------\Chemical Inventory Status - Part 2\---------------------------------
                                                         --Canada--
Ingredient                                      Korea  DSL   NDSL  Phil.
----------------------------------------------  -----  ---   ----  -----
Tetrachloroethylene (127-18-4)                   Yes   Yes   No     Yes

--------\Federal, State & International Regulations - Part 1\----------------
                                          -SARA 302-    ------SARA 313------
Ingredient                                RQ    TPQ     List  Chemical Catg.
----------------------------------------  ---   -----   ----  --------------
Tetrachloroethylene (127-18-4)            No    No      Yes        No

--------\Federal, State & International Regulations - Part 2\----------------
                                                   -RCRA-    -TSCA-
Ingredient                                CERCLA     261.33     8(d)
----------------------------------------  ------     ------    ------
Tetrachloroethylene (127-18-4)            100        U210       No


Chemical Weapons Convention:  No     TSCA 12(b):  No     CDTA:  No
SARA 311/312:  Acute: Yes      Chronic: Yes  Fire: No  Pressure: No
Reactivity: No          (Pure / Liquid)
```

WARNING:
THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Australian Hazchem Code: 2[Z]
Poison Schedule: None allocated.
WHMIS:
This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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16. Other Information

NFPA Ratings: Health: **2** Flammability: **0** Reactivity: **0**
Label Hazard Warning:
WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AFFECTS CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEYS. SUSPECT CANCER HAZARD. MAY CAUSE CANCER. Risk of cancer depends on level and duration of exposure.
Label Precautions:
Do not get in eyes, on skin, or on clothing.
Do not breathe vapor or mist.
Keep container closed.
Use only with adequate ventilation.
Wash thoroughly after handling.
Label First Aid:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. In all cases call a physician.
Product Use:
Laboratory Reagent.
Revision Information:
No Changes.
Disclaimer:
****
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Prepared by: Environmental Health & Safety
Phone Number: (314) 654-1600 (U.S.A.)

Monsanto
Material Safety Data

POLYCHLORINATED BIPHENYLS (PCBs)

Emergency Phone No.
(Call Collect)
314-694-1000

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: POLYCHLORINATED BIPHENYLS (PCBs)
Aroclor® Series 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, 1268
Therminol® FR Series

MSDS Number: M00018515 Date: 12/95

Chemical Family: Chlorinated Hydrocarbons
Chemical Name: Polychlorinated biphenyls
Synonyms: PCBs, Chlorodiphenyls, Chlorinated biphenyls

Trade Names/Common Names:

PYRANOL® and INERTEEN® are trade names for commonly used dielectric fluids that may have contained varying amounts of PCBs as well as other components including chlorinated benzenes.

ASKAREL is the generic name for a broad class of fire resistant synthetic chlorinated hydrocarbons and mixtures used as dielectric fluids that commonly contained about 30 - 70% PCBs. Some ASKAREL fluids contained 99% or greater PCBs and some contained no PCBs.

PYDRAUL® is the trade name for hydraulic fluids that, prior to 1972, may have contained varying amounts of PCBs and other components including phosphate esters.

The product names/trade names are representative of several commonly used Monsanto products (or products formulated with Monsanto products). Other trademarked PCB products were marketed by Monsanto and other manufacturers. PCBs were also manufactured and sold by several European and Japanese companies. Contact the manufacturer of the trademarked product, if not in this listing, to determine if the formulation contained PCBs.

In 1972, Monsanto restricted sales of PCBs to applications involving only closed electrical systems, (transformers and capacitors). In 1977, all manufacturing and sales were voluntarily terminated. In 1979, EPA restricted the manufacture, processing, use, and distribution of PCBs to specifically exempted and authorized activities.

MONSANTO COMPANY, 800 N. LINDBERGH BLVD., ST. LOUIS, MO 63167

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT
Call CHEMTREC - Day or Night - 1-800-424-9300 Toll free in the continental U.S., Hawaii, Puerto Rico, Canada, Alaska, or Virgin Islands. For calls originating elsewhere: 202-483-7616 (collect calls accepted)

For additional nonemergency information, call: 314-694-3344.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemically, commercial PCBs are defined as a series of technical mixtures, consisting of many isomers and compounds that vary from mobile, oily liquids to white crystalline solids and hard noncrystalline resins. Technical products vary in composition, in the degree of chlorination, and possibly according to batch.

The mixtures generally used contain an average of 3 atoms of chlorine per molecule (42% chlorine) to 5 atoms of chlorine per module (54% chlorine). They were used as components of dielectric fluids in transformers and capacitors. Prior to 1972, PCB applications included heat transfer media, hydraulic, and other industrial fluids, plasticizers, carbonless copy paper, paints, inks, and adhesives.

Component	CAS No.
chlorinated biphenyl	1336-36-3
Aroclor 1016	12674-11-2
Aroclor 1221	11104-28-2
Aroclor 1232	11141-16-5
Aroclor 1242	53469-21-9
Aroclor 1248	12672-29-6
Aroclor 1254	11097-69-1
Aroclor 1260	11096-82-5
Aroclor 1262	37324-23-5
Aroclor 1268	11100-14-4

There are also CAS Numbers for individual PCB congeners and for mixtures of Aroclor® products.

PCBs are identified as hazardous chemicals under criteria of the OSHA Hazard Communication Standard (29 CFR Part 1910.1200). PCBs have been listed in the International Agency for Research on Cancer (IARC) Monographs (1987)-Group 2A and in the National Toxicology Program (NTP) Annual Report on Carcinogens (Seventh).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance and Odor: PCB mixtures range in form and color from clear to amber liquids to white crystalline solids. They have a mild, distinctive odor and are not volatile at room temperature. Refer to Section 9 for details.

WARNING!
CAUSES EYE IRRITATION
MAY CAUSE SKIN IRRITATION

PROCESSING AT ELEVATED TEMPERATURES MAY RELEASE VAPORS OR FUMES WHICH MAY CAUSE RESPIRATORY TRACT IRRITATION

POTENTIAL HEALTH EFFECTS

Likely Routes of Exposure: Skin contact and inhalation of heated vapors

Eye Contact: Causes moderate irritation based on worker experience.

Skin Contact: Prolonged or repeated contact may result in redness, dry skin and defatting based on human experience. A potential exists for developing chloracne. PCBs can be absorbed through intact skin.

Inhalation: Due to the low volatility of PCBs, exposure to this material in ambient conditions is not expected to produce adverse health effects. However, at elevated processing temperatures, PCBs may produce a vapor that may cause respiratory tract irritation if inhaled based on human experience.

Ingestion: No more than slightly toxic based on acute animal toxicity studies. Coughing, choking and shortness of breath may occur if liquid material is accidentally drawn into the lungs during swallowing or vomiting.

Other: Numerous epidemiological studies of humans, both occupationally exposed and nonworker environmentally exposed populations, have not demonstrated any causal relationship between PCB exposure and chronic human illnesses such as cancer or neurological or cardiovascular effects. PCBs at high dosage can cause skin symptoms; however, these subside upon removal of the exposure source.

Refer to Section 11 for toxicological information.

4. FIRST AID MEASURES

IF IN EYES, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove any contact lenses. Get medical attention. Remove material from skin and clothing.

IF ON SKIN, immediately flush the area with plenty of water. Wash skin gently with soap as soon as it is available. Get medical attention if irritation persists.

IF INHALED, remove person to fresh air. If breathing is difficult, get medical attention.

IF SWALLOWED, do NOT induce vomiting. Rinse mouth with water. Get medical attention. Contact a Poison Control Center. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

NOTE TO PHYSICIANS: Hot PCBs may cause thermal burn. If electrical equipment arcs between conductors, PCBs or other chlorinated hydrocarbon dielectric fluids may decompose to produce hydrochloric acid (HCl), a respiratory irritant. If large amounts are swallowed, gastric lavage may be considered.

5. FIRE FIGHTING MEASURES

Flash Point: 284 degrees F (140 degrees C) or higher depending on the chlorination level of the Aroclor product

Fire Point: 349 degrees F (176 degrees C) or higher depending on the chlorination level of the Aroclor product

NOTE: Refer to Section 9 for individual flash points and fire points.

Extinguishing Media: Extinguish fire using agent suitable for surrounding fire. Use dry chemical, foam, carbon dioxide or water spray. Water may be ineffective. Use water spray to keep fire-exposed containers or transformer cool.

PCBs are fire-resistant compounds. They may decompose to form CO, CO2, HCl, phenolics, aldehydes, and other toxic combustion products under severe conditions such as exposure to flame or hot surfaces.

Dielectric fluids having PCBs and chlorinated benzenes as components have been reported to produce polychlorinated dibenzo-p-dioxins (PCDDs) and furans (PCDFs) during fire situations involving electrical equipment. At temperatures in the range of 600-650 degrees C in the presence of excess oxygen, PCBs may form polychlorinated dibenzofurans (PCDFs). Laboratory studies under similar conditions have demonstrated that PCBs do not produce polychlorinated dibenzo-p-dioxins (PCDDs).

Federal regulations require all PCB transformers to be registered with fire response personnel.

If a PCB transformer is involved in a fire-related incident, the owner of the transformer may be required to report the incident. Consult and follow appropriate federal, state and local regulations.

Fire Fighting Equipment: Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

6. ACCIDENTAL RELEASE MEASURES

Cleanup and disposal of liquid PCBs and other PCB items are strictly regulated by the federal government. The regulations are found at 40 CFR Part 761. Consult these regulations as well as applicable state and local regulations prior to any cleanup or disposal of PCBs, PCB items, or PCB contaminated items.

If PCBs leak or are spilled, the following steps should be taken immediately:

All nonessential personnel should leave the leak or spill area.

The area should be adequately ventilated to prevent the accumulation of vapors.

The spill/leak should be contained. Loss to sewer systems, navigable waterways, and streams should be prevented. Spills/leaks should be removed promptly by means of absorptive material, such as sawdust, vermiculite, dry sand, clay, dirt or other similar materials, or trapped and removed by pumping or other suitable means (traps, drip-pans, trays, etc.).

Personnel entering the spill or leak area should be furnished with appropriate personal protective equipment and clothing as needed. Refer to Section 8 for personal protection equipment and clothing.

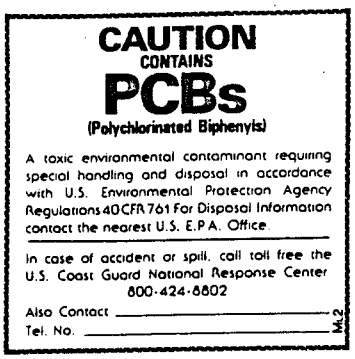
Personnel trained in emergency procedures and protected against attendant hazards should shut off sources of PCBs, clean up spills, control and repair leaks, and fight fires in PCB areas.

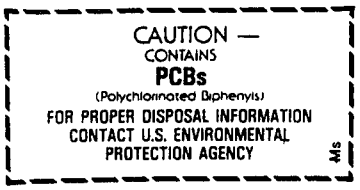
Refer to Section 13 for disposal information and Sections 14 and 15 for information regarding reportable quantity, and Section 7 for marking information.

7. HANDLING AND STORAGE

Care should be taken to prevent entry into the environment through spills, leakage, use vaporization, or disposal of liquid or containers. Avoid prolonged breathing of vapors or mists. Avoid contact with eyes or prolonged contact with skin. If skin contact occurs, remove by washing with soap and water. Following eye contact, flush with water. In case of spillage onto clothing, the clothing should be removed as soon as practical, skin washed, and clothing laundered. Comply with all federal, state, and local regulations.

Federal regulations under the Toxic Substances Control Act require PCBs, PCB items, storage areas, transformer vaults, and transport vehicles to be marked (check regulations, 40 CFR 761, for details).





Storage: The storage of PCB items or equipment (those containing 50 ppm or greater PCBs) and PCB waste is strictly regulated by 40 CFR Part 761. The storage time is limited, the storage area must meet physical requirements, and the area must be labeled.

Avoid contact with eyes.
Wash thoroughly after handling.
Avoid breathing processing fumes or vapors.
Process using adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Wear chemical splash goggles and have eye baths available where there is significant potential for eye contact.

Skin Protection: Wear appropriate protective clothing and chemical resistant gloves to prevent skin contact. Consult glove manufacturer to determine the appropriate type glove for a given application. Wear chemical goggles, face shield, and chemical resistant clothing such as a rubber apron when splashing is likely. Wash immediately if skin is contacted. Remove contaminated clothing promptly and launder before reuse. Clean protective equipment before reuse. Provide a safety shower at any location where skin contact can occur. Wash thoroughly after handling.

ATTENTION! Repeated or prolonged skin contact may cause chloracne in some people.

Respiratory Protection: Avoid breathing vapor, mist, or dust. Use NIOSH/MSHA approved equipment when airborne exposure limits are exceeded. Full facepiece equipment is recommended when airborne exposure limits are exceeded and, if used, replaces the need for face shield and/or chemical splash goggles. Consult respirator manufacturer to determine the type of equipment for a given application. The respirator use limitations specified by NIOSH/MSHA or the manufacturer must be observed. High airborne concentrations may require use of self-contained breathing apparatus or supplied air respirator. Respiratory protection programs must be in compliance with 29 CFR Part 1910.134.

ATTENTION! Repeated or prolonged inhalation may cause chloracne in some people.

Ventilation: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits (see below). If practical, use local mechanical exhaust ventilation at sources of vapor or mist, such as open process equipment.

Airborne Exposure Limits:

Product: Chlorodiphenyl (42% chlorine)

OSHA PEL: 1 mg/m^3 8-hour time-weighted average - Skin*
ACGIH TLV: 1 mg/m^3 8-hour time-weighted average - Skin*

Product: Chlorodiphenyl (54% chlorine)

OSHA PEL: 0.5 mg/m^3 8-hour time-weighted average - Skin*
ACGIH TLV: 0.5 mg/m^3 8-hour time-weighted average - Skin*

*For Skin notation see Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, American Conference of Government Industrial Hygienists, 1995-1996.

9. PHYSICAL AND CHEMICAL PROPERTIES

PROPERTIES OF SELECTED AROCLORS®							
PROPERTY	**1016**	**1221**	**1232**	**1242**	**1248**	**1254**	**1260**
Color (APHA)	40	100	100	100	100	100	150
Physical state	mobile oil	mobile oil	mobile oil	mobile oil	mobile oil	viscous liquid	sticky resin
Stability	inert	inert	inert	inert	inert	inert	inert
Density (lb/gal 25°C)	11.40	9.85	10.55	11.50	12.04	12.82	13.50
Specific gravity x/15.5°C	1.36-1.37 x-25°	1.18-1.19 x-25°	1.27-1.28 x-25°	1.30-1.39 x-25°	1.40-1.41 x-65°	1.49-1.50 x-65°	1.55-1.56 x-90°
Distillation range (°C)	323-356	275-320	290-325	325-366	340-375	365-390	385-420
Acidity mg KOH/g, maximum	.010	.014	.014	.015	.010	.010	.014
Fire point (°C)	none to boiling point	176	238	none to boiling point	none to boiling point	none to boiling point	none to boiling point
Flash point (°C)	170	141-150	152-154	176-180	193-196	none	none
Vapor pressure (mm Hg @ 100°F)	NA	NA	0.005	0.001	0.00037	0.00006	NA
Viscosity (Saybolt Univ. Sec. @ 100°F) (centistokes)	71-81 13-16	38-41 3.6-4.6	44-51 5.5-7.7	82-92 16-19	185-240 42-52	1800-2500 390-540	— —

NA—*Not Available*

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. STABILITY AND REACTIVITY

Stability: PCBs are very stable, fire-resistant compounds.
Materials to Avoid: None
Hazardous Decomposition
Products: PCBs may decompose to form CO, CO_2, HCl, phenolics, aldehydes, and other toxic combustion products under severe conditions such as exposure to flame or hot surface.
Hazardous Polymerization: Does not occur.

11. TOXICOLOGICAL INFORMATION

Data from laboratory studies conducted by Monsanto and from the available scientific literature are summarized below.
Single exposure (acute) studies indicate:
Oral - Slightly Toxic (Rat LD50 - 8.65 g/kg for 42% chlorinated; 11.9 g/kg for 54% chlorinated)

The liquid products and their vapors are moderately irritating to eye tissues. Animal experiments of varying duration and at different air concentrations show that for similar exposure conditions, the 54% chlorinated material produces more liver injury than the 42% chlorinated material.

There are literature reports that PCBs can impair reproductive functions in monkeys. The National Cancer Institute (NCI) performed a study in 1977 using Aroclor 1254 with both sexes of rats. NCI stated that the PCB, Aroclor 1254, was not carcinogenic under the conditions of their bioassay. There is sufficient evidence in the scientific literature to conclude that Aroclor 1260 can cause liver cancer when fed to rodents at high doses. Similar experiments with less chlorinated PCB products have produced negative or equivocal results.

The consistent finding in animal studies is that PCBs produce liver injury following prolonged and repeated exposure by any route, if the exposure is of sufficient degree and duration. Liver injury is produced first, and by exposures that are less than those reported to cause cancer in rodents. Therefore, exposure by all routes should be kept sufficiently low to prevent liver injury.

Numerous epidemiological studies of humans, both occupationally exposed and nonworker environmentally exposed population, have not demonstrated any causal relationship between PCB exposure and chronic human illnesses such as cancer or neurological or cardiovascular effects. PCBs at high dosage can cause skin symptoms; however, these subside upon removal of the exposure source.

PCBs have been listed in the International Agency for Research on Cancer (IARC) Monographs (1987)-Group 2A and in the National Toxicology Program (NTP) Seventh Annual Report on Carcinogens.

12. ECOLOGICAL INFORMATION

Care should be taken to prevent entry of PCBs into the environment through spills, leakage, use, vaporization or disposal of liquid or solids. PCBs can accumulate in the environment and can adversely affect some animals and aquatic life. In general, PCBs have low solubility in water, are strongly bound to soils and sediments, and are slowly degraded by natural processes in the environment.

13. DISPOSAL CONSIDERATIONS

The disposal of PCB items or equipment (those containing 50 ppm or greater PCBs) and PCB wastes is strictly regulated by 40 CFR Part 761. For example, all wastes and residues containing PCBs (wiping cloths, absorbent material, used disposable protective gloves and clothing, etc.) should be collected, placed in proper containers, marked and disposed of in the manner prescribed by EPA regulations (40 CFR Part 761) and applicable state and local regulations.

14. TRANSPORT INFORMATION

The data provided in this section are for information only. Please apply the appropriate regulations to properly classify a shipment for transportation.

DOT Classification:	IF WEIGHT OF PCBs TO BE SHIPPED IS OVER ONE POUND, THE FOLLOWING CLASSIFICATION AND LABEL APPLY.	
DOT Label:	LIQUID:	Environmentally Hazardous Substance, liquid, n.o.s. (Contains PCB), 9, UN 3082, III
	SOLID:	Environmentally Hazardous Substance, solid, n.o.s. (Contains PCB), 9, UN 3077, III
DOT Label:	Class: 9	
DOT Reportable Quantity:	One Pound	
IMO Classification:	Polychlorinated Biphenyls, IMO Class 9, UN 2315, II IMO Page 9034, EMS 6.1-02	
IATA/ICAO Classification:	Polychlorinated Biphenyls, 9, UN2315, II	

15. REGULATORY INFORMATION

For regulatory purposes, under the Toxic Substances Control Act, the term "PCBs" refers to a chemical substance limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contain such a substance (40 CFR Part 761).

TSCA Inventory: not listed.

Hazard Categories Under Criteria of SARA Title III Rules (40 CFR Part 370): Immediate, Delayed.
SARA Section 313 Toxic Chemical(s): Listed-1993 (De Minimis concentration 0.1%.)

Reportable Quantity (RQ) under DOT (49 CFR) and CERCLA Regulations: 1 lb. (polychlorinated biphenyls) PCBs.

Release of more than 1 (one) pound of PCBs to the environment requires notification to the National Response Center (800-424-8802 or 202-426-2675).

Various state and local regulations may require immediate reporting of PCB spills and may also define spill cleanup levels. Consult your attorney or appropriate regulatory officials for information relating to spill reporting and spill cleanup.

16. OTHER INFORMATION

Reason for revision: Conversion to the 16 section format. Supersedes MSDS dated 10/88.

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Inerteen® is a registered trademark of Westinghouse Electric Corporation

FOR ADDITIONAL NONEMERGENCY INFORMATION, CONTACT:

Gary W. Mappes
Manager, Product & Environmental Safety

Robert G. Kaley, II
Director, Environmental Affairs

Monsanto Company
800 North Lindbergh Boulevard
St. Louis, MO 63167
(314) 694-3344

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AVIMA

MATERIAL SAFETY DATA SHEET
LINDANE / THIRAM
200 g /kg / 270 g /kg

COMPANY DETAILS:

Name: Avima (Pty) Ltd
Address: Nu 18 Aschenberg Street
Chamdor
Krugersdorp
Tel. Nr.: (011) 769 1300
Fax Nr.: (011) 762 5712
Emergency Tel Nr.: 083 326 3581 / 082 823 4473
0800 – 172 –743

1. PRODUCT IDENTIFICATION:

Trade Name: Lindane /Thiram: 200 g /kg & 270 g /kg
Chemical Family: Organo Chlorine & Fungicide mixture
Chemical Name: LINDANE
Gamma –1,2,3,4,5,6 –Hexachlorocyclohexane
Gamma –BHC
Gamma –HCH
THIRAM
Tetramethylthiuram disulfide
Molecular Formula: $C_6H_6Cl_6$ (Lindane)
$C_6H_{12}N_2S_4$ (Thiram)
UN Nr. 2761
C.A.S. Nr.: 58-89-9 (Lindane Tech)
137-26-8 (Thiram Tech)
Description of Product: A wettable powder formulation ready to –use combination product of fungicide and insecticide for seed dressing on maize, peas, beans, groundnuts, sorghum, millet and most vegetables seeds to control seed and soil –borne diseases and early soil- bourne

2. COMPOSITION:

Hazardous Components:		
	Gamma – BHC	200 g /kg
	Thiram	270 g /kg

3. PHYSICAL AND CHEMICAL CHARACTERISTICS:

Appearance: Blue Powder
Density @ 20 °C (kg/ℓ): Not available

4. FIRE AND EXPLOSION HAZARD:

Flash Point:	Not available
Flammability:	Not available
Auto ignition Temperature:	Not available
Decomposition Temperature:	Not available
Acute Hazards:	Thermal decomposition products may be hazardous. These may include chlorine, hydrogen chloride, phosgene, carbon monoxide and carbon dioxide.
Special fire fighting procedures:	Keep fire exposed containers cool. with water spray. If a leak or spill has not ignited. use water spray to disperse the vapors and to protect personnel attempting to stop leak. No unprotected persons should be allowed the vicinity. Water spray may be used to flush spills away from exposures. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Contain run-off with temporary earth barriers
Extinguishing Media:	Water spray or fog, foam, dry chemical or carbon dioxide. (water may be ineffective for putting out fires, unless used by experienced fire fighters)
Special protective equipment:	Do not breath fumes. For fires in close *areas*, fire fighters must use self-contained breathing apparatus, as well as full protective nitrile rubber gloves, close fitting safety goggles or face shield, effective respiratory protection. Full-length protective clothing and boots must be worn when handling gear, this material in an emergency.
Hazardous decomposition products:	These may include chlorine, hydrogen chloride, phosgene, carbon monoxide and carbon dioxide.

5. REACTIVITY DATA:

Stability:	**Stable**
Conditions to avoid:	Excessive heat.
Materials to avoid:	Strong alkaline or oxidizing agents.
Hazardous decomposition products:	These may include chlorine, hydrogen chloride, phosgene; carbon monoxide and carbon dioxide.

6. WARNINGS:

Store under **lock** and key
Store in a cool, dry place, away from source of heat & naked flames
Keep away from oxidizers and alkaline agents.
Keep containers closed when not in use.
Minimize skin and eye contact
Decontaminate all equipment before repairing
Keep out of reach of children, uninformed persons and animals.
Store away from farm feeds: foodstuffs, eating utensils and drinking water.
Flammable liquid

7. HEALTH HAZARD DATA: (Acute Hazards & Symptoms)

Effects of overexposure:

Acute (Short term exposure): Harmful if swallowed, absorbed through skin, or inhaled. May cause irritation of nose, throat, or skin. Consumption of alcohol after exposure to Thiram may **cause** flushing, breathing difficulty, nausea, vomiting and low blood pressure. If ingested, this product may produce kidney and liver damage. Acute exposure *to* Lindane can cause dizziness, headache, vomiting, diarrhea, tremors, weakness, and **convulsions.**

Chronic (**Long term exposure**): Lindane may produce liver **and** kidney toxicity.

General precautions: Always practice good industrial hygiene; handle with *care;* avoid personal contact. Do not *get* into eyes or on skin, do not breathe product dust. Do not swallow Wash hands with soap and water and rinse after handling product. Shower after each *shift* Wash all work clothing **and** completely clean all personal protective equipment after each shift.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Inhalation: Respirator with an organic –vapor removing cartridge with a prefilter approved for pesticides *or* canister **approved** for pesticides.

Skin: Wear protective clothing (long sleeve shirt & pants) as well as protective gloves (solvent resistant gloves:). Launder contaminated clothing before re-use. Avoid **skin** contact. Keep working clothes separately and do not take home. Good personal hygiene practices should always be followed. Provide local emergency shower.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION: (continue)

Eyes: Avoid contact with eyes. Wear eye & face protection (safety glasses & face shields). When handling this product: wear goggles giving completely eye protection. Normal industrial eye protection practices should be employed. Provide emergency eye wash stations.

Ingestion: Store away from food & feedstuffs Do not tat, drink or smoke whilst handling this product. Wash hands & face after handling the product, before eating and drinking.

Work practices: Wear appropriate personal protective equipment when handling material. Users should Wash hands before eating: drinking, chewing gum, using tobacco, or using toilet. Remove clothing immediately if pesticides get inside. Then wash thoroughly and put on clean clothing.

9. FIRST AID MEASURES:

Inhalation: Remove patient from source of poisoning to well ventilated area and **keep** him quiet and reassured. If necessary administer artificial respiration and oxygen or closed chest cardiac message. **Seek** medical attention immediately

Remove contaminated clothing & shoes. Immediately rinse the affected skin area with plenty of soap & cool water or shower, for 15 –20 minutes. Do not rub skin Launder contaminated clothing before re-use. If irritation occurs & persists, seeks medical attention

Eyes: Flush contamination of eyes with copious amounts of clean water for at least 15 min. Cover with a sterile **pad** and **seek** medical attention.

Ingestion: Keep patient quiet & reassured, rinse mouth with water Do not induce vomiting Never give anything by mouth to an unconscious person. DO NOT apply direct mouth-to-mouth respiration: use a disposable protective mouthpiece. Contact a doctor or hospital.

NOTE TO PHYSICIAN:

Thiram: Treat symptomatically. Avoid alcohol. In the presence of consumed alcohol Thiram responds similarly to disulfiram.

Lindane: **Symptoms:** Conjunctivitis, headache, staggering, fever, nausea, vomiting, mental confusion, irritation to respiratory system These symptoms result in pulmonary edema, dilation to the heart, extensive necrosis to blood vessels in lungs, liver, fatty degeneration to liver and kidney, and some cases of hypoplasmic anemia have been reported. In case of ingestion Gastric lavage followed by saline catharsis Give Phenobarbital for normal sedation and potassium gluconate for muscular cramps. Prescribe high calcium, high carbohydrates, and high vitamin intake

10. ACCIDENTAL RELEASE MEASURES:

Notification **procedures:**	Report spills as required *to* appropriate authorities.
Procedures if **material is released *or* spilled:**	Evacuate unprotected personnel, dike / contain spill with dry sand, inert material and sweep **up** and place into proper container as for toxic waste in accordance with local/national regulations. ***DO*** NOT BURN. Protective clothing to be worn when clearing spillage If safe **disposal is** not possible contact manufacturer, dealer or local representative.
Environmental Precautions:	Prevent spills from entering storm sewers or drains. waterways and contact with soil.

11. HANDLING & STORAGE:

Handling /storage precaution:	Do not inhale spray mist Avoid contact with **skin,** eyes and clothing. Avoid inhalation of fog and vapors, wash with soap and water after use/accidental **skin** contact Do not eat, drink or smoke while working. Exposed operating positions must have an efficient local exhaust source; working areas must be well ventilated In addition to the measures taken usually in the chemical works like splash proof filling and measuring equipment (including vapor stripping). Further personnel protection measures may have to be implemented to avoid possible contact with the product.
Cleaning of equipment after use:	During application and when cleaning equipment and protective clothing, contamination of all sources of drinking H_2O, rivers, dams, other crops **or** grazing shall be prevented. Clean protective clothing, used protective clothing and the workers personal clothing shall be **kept apart.** At the end of each day, all protective clothing and respirators, shall be decontaminated, washed. rinsed and dried. Extra care must be taken when cleaning equipment after use

12. DISPOSAL CONSIDERATION:

Waste disposal:	Product should be utilized completely to avoid disposal.
Disposal **of residue:**	Pesticide wastes are toxic Residue *to* be disposed of as toxic waste in accordance with local/national regulations **DO** NOT BURN.

Disposal of used packing material:
Destroy empty containers by perforation or flattening, and DO NOT re-use for any other purpose Dispose unwanted product or spillage only at approved waste disposal sites away from water sources

13, TRANSPORTATION DATA:

Hazardous **Description Label:**		Organo chlorine pesticide, powder, toxic, n.o s contains Gamma -BHC & Thiram Keep away from foodstuff. Toxic
UN Hazard Class:		6 1
UN Packing Group:		II
ICAO/IATA:	Shipping Name:	Toxic powder.
	Label(s):	Keep away from foodstuffs. Poison
	Packing group:	II
	Class:	6.1

14. ENVIRONMENTAL DATA:

Toxic *to* fish, birds, and wildlife. Do not apply directly to water, or to areas where surface water is present Avoid release into environment in circumstances **different** to normal use. Exposed treated seeds may he hazardous to birds or other wildlife. Dispcse ***of*** all excess treated seed by burial away from bodies of water. Do not contaminate disposing of equipment wash waters

Is'. NOTE:

THE INFORMATION CONTAINED HEREIN IS BASED ON THE **PRESENT** STATE OF OUR KNOWLEDGE **ON** THE PRODUCT, ALL INFORMATION IS GIVEN IN GOOD FAITH BUT WITHOUT GUARANTEE IN RESPECT OF ACCURACY, **AND** NO **RESPONSIBILITY** IS ACCEPTED FOR ERRORS OR EMISSION OR THE CONSEQUENCES THEREOF

Material Safety Data Sheet

ULTRA Scientific · 250 Smith Street · North Kingstown, RI, USA 02852 · 401-294-9400

Product #: P-730 **Last Update: 4/27/2009**

Section I Product Identification

Name: Indeno[1,2,3-cd]pyrene Solution

Solvent : methylene chloride (dichloromethane)

Section II Composition / Information on Ingredients

Component	CAS#	% by Wt.	LD50	OSHA PEL	ACGIH TLV	RTECS #	Codes
methylene chloride (dichloromethane)	000075-09-2	99.99246	2136 mg/kg oral rat	25 ppm	50 ppm	PA8050000	DFGH
indeno[1,2,3-cd]pyrene	000193-39-5	0.00754	N/A	N/A	N/A	NK9300000	DFH

Codes: A-OSHA regulated carcinogen; B-IARC Group 1 carcinogen; C-IARC Group 2A carcinogen; D-IARC Group 2B carcinogen; E-NTP Group 1 carcinogen; F-NTP Group 2 carcinogen; G-SARA Title III compound; H-California Proposition 65 compound.

Section III Hazards Identification

Contains carcinogen(s) or cancer suspect agent(s)

Irritant

All chemicals should be considered hazardous - direct physical contact should be avoided.

Section IV First Aid Measures

Inhalation: If inhaled, remove to fresh air. Give oxygen, if necessary. Contact a physician.

Skin Contact: In case of skin contact, flush with copious amounts of water. Remove contaminated clothing. Contact a physician.

Eye Contact: In case of eye contact, flush with copious amounts of water, lifting eyelids occasionally. Contact a physician.

Ingestion: If ingested, contact poison center immediately for recommended procedure. Contact a physician.

Section V Fire Fighting Measures

Fire and Explosion Hazard Data for Solvent

Fire Hazard: non-combustible

Extinguishing Media: Carbon dioxide, dry chemical powder, or water spray.

Section VI Accidental Release Measures

Ventilate area of the leak or spill. Wear appropriate personal protective equipment as specified in Section VIII. A leaking bottle, vial, or ampule may be placed in a plastic bag, and normal disposal procedures followed. Take up spilled material with sand or other non-combustible absorbant material, and place in an appropriate container for later disposal. Flush spill area with water.

Section VII Handling and Storage

Store at Room Temperature (18-25°C)

Keep in a tightly closed container, and store in a corrosion proof area.

This product should only be used by persons trained in the safe handling of hazardous chemicals.

Section VIII Exposure Controls / Personal Protection

Ensure that there is adequate ventilation to prevent airborne levels from exceeding recommended exposure limits (see Section II). Use appropriate MSHA/NIOSH approved safety equipment. Wear chemical goggles, face shield, gloves, and chemical resistant clothing, such as a laboratory coat and/or a rubber apron, to prevent contact with eyes, skin, and clothing.

Section IX Physical and Chemical Properties

Physical Data for Solvent

Melting Pt.: -96.7°C	Boiling Pt.: 39.8°C	Density: 1.326
Vapor Pressure: 350 mmHg @ 20°C	Vapor Density: 2.9	Water Solubility: insoluble
Appearance: colorless liquid	Odor: chloroform-like odor	Flash Point: none
Auto-Ignition Temperature: 1139°F	LEL: 15.5	UEL: 66.4

Section X Stability and Reactivity

Reactivity Data for Solvent

Stability: stable

Incompatibilities:
- strong oxidizers
- caustics
- active metal powder

Hazardous Decomposition Products: phosgene, HCl, CO

Hazardous Effects of Polymerization: none

Section XI Toxicological Information

See Section II for specific toxicological information for the ingredients of this product.

Section XII Ecological Information

No information is available.

Section XIII Disposal Considerations

Recycle, if possible. Any material which cannot be saved for recovery or recycling should be disposed of at an appropriate and approved waste disposal facility. Processing, use, and/or contamination of this product may change waste management requirements. Observe all applicable federal, state, and local environmental regulations concerning disposal.

Section XIV Transport Information

Shipment Type: Toxic, liquids, organic, n.o.s. (dichloromethane)

UN Number: UN2810 Shipping Class: 6.1 Packing Group: III

Section XV Regulatory Information

Warning: This product contains chemicals known to the state of California to cause cancer.

EU Directives Classification

R: 40

Risk Statements: Limited evidence of a carcinogenic effect.

S: 23-24/25-36/37

Safety Statements: Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes. Wear suitable protective clothing and gloves.

Section XVI Other Information

The above information is believed to be correct, but does not purport to be all-inclusive. This data should be used only as a guide in handling this material. ULTRA Scientific, Inc., shall not be held liable for any damage resulting from handling or from contact with the above product.

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SAFETY DATA SHEET

Institute for Reference Materials and Measurements

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

BCR-160R: fluoranthene

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: BCR-160R: fluoranthene

CAS number	206-44-0
EINECS number	205-912-4
RTECS number	LL4025000
Molecular mass	202.26 g/mol
Formula	C16H10

1.2 Use of the substance/preparation:

Certified reference material for laboratory use only

1.3 Company/undertaking identification:

Institute for Reference Materials and Measurements
Retieseweg
B-2440 Geel
Tel: +32 14 57 12 11
Fax: +32 14 59 04 06
JRC-IRMM-RM-Sales@ec.europa.eu

1.4 Emergency telephone:

Poison Centre: +32 70 245 245

2. Hazards identification

NFPA: 1-1-0(*)

DSD/DPD

Classified dangerous in accordance with Directives 67/548/EEC and 1999/45/EC

Harmful if swallowed

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Other hazards

Combustible

Its dust is explosive with air

Dust cloud can be ignited by a spark

Highly bioaccumulative

CLP

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Acute Tox. 4	Harmful if swallowed. (H302)
Aquatic Acute 1	Very toxic to aquatic life. (H400)
Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects. (H410)

Other hazards

Combustible

Its dust is explosive with air

Dust cloud can be ignited by a spark

Highly bioaccumulative

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
fluoranthene	206-44-0 205-912-4		Xn; R22 N; R50-53	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air
Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Rinse with water
Do not apply (chemical) neutralizing agents
Consult a doctor/medical service

4.3 Eye contact:

Rinse with water
Do not apply neutralizing agents
Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water
Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Water spray
Alcohol-resistant foam
ABC powder
Carbon dioxide

5.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known

5.3 Special exposure hazards:

Temperature above flashpoint: higher fire/explosion hazard
Dust cloud can be ignited by a spark
Upon combustion CO and CO2 are formed

5.4 Instructions:

Take account of environmentally hazardous firefighting water
Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

Gloves
Protective clothing
Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

Dam up the solid spill
Prevent soil and water pollution
Prevent spreading in sewers
See heading 13

6.3 Methods for cleaning up:

Scoop solid spill into closing containers
Carefully collect the spill/leftovers
Clean contaminated surfaces with an excess of water
Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

Avoid raising dust
Observe normal hygiene standards
Keep away from naked flames/heat
Keep container tightly closed
Do not discharge the waste into the drain
Finely divided: spark- and explosionproof appliances
Finely divided: keep away from ignition sources/sparks

7.2 Storage:

Safe storage requirements:

Store in a cool area
Store in a dry area
Keep locked up
Unauthorized persons are not admitted
Meet the legal requirements
Storage temperature: < 4 °C

Keep away from:

oxidizing agents

Suitable packaging material:

glass

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
Fluoranthene	OSHA	CSI		
Fluoranthene (Polynuclear aromatic hydrocarbon)	NIOSH	5515	adsorption tubes	
Fluoranthene (Polynuclear aromatic hydrocarbon)	NIOSH	5506	adsorption tubes	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Carry operations in the open/under local exhaust/ventilation or with respiratory protection

Personal protective equipment:

a) Respiratory protection:

Dust production: dust mask with filter type P2

b) Hand protection:

Gloves

- rubber

c) Eye protection:

Safety glasses

In case of dust production: protective goggles

d) Skin protection:

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Crystalline solid
	Needles
Colour	Colourless to light yellow

9.2 Important health, safety and environmental information:

Boiling point	384 °C

Flashpoint	198 °C
Relative density	(0 °C) 1.25
Solubility in water	0.000026 g/100 ml
Solubility in solvents	Soluble in ethanol
	Soluble in ether
	Soluble in acetic acid
	Soluble in carbondisulfide
	Soluble in chloroform
Log Pow	5.33

9.3 Other information:

Melting point	110 °C

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources
ignition sources

Stability

Stable under normal conditions

10.2 Materials to avoid:

oxidizing agents

10.3 Hazardous decomposition products:

Upon combustion CO and CO2 are formed

11. Toxicological information

11.1 Acute toxicity:

BCR-160R: fluoranthene

LD50 oral (rat)	2000 mg/kg
LD50 dermal (rabbit)	3180 mg/kg

11.2 Chronic toxicity:

Not classifiable as a human carcinogen
Not listed in mutagenicity class (EC,MAK)
Not classified as toxic to reproduction (EC)

BCR-160R: fluoranthene

IARC - classification	3

11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

No data available

Eye contact:

No data available

Ingestion:

No data available

11.4 Chronic effects:

No specific information available
SIMILAR PRODUCTS CAUSE FOLLOWING SYMPTOMS:
Tingling/irritation of the skin
Nausea
Accelerated heart action
Disturbances of heart rate
Enlargement/affection of the liver

Risk of lung oedema

12. Ecological information

12.1 Ecotoxicity:

BCR-160R: fluoranthene

LC50 fishes

species	value	duration (h)	remarks
SALMO GAIRDNERI/ ONCORHYNCHUS MYKISS	0.0077 mg/l	96 h	

EC50 Daphnia

species	value	duration (h)	remarks
DAPHNIA MAGNA	<0.1 mg/l	72 h	LOCOMOTOR EFFECT

EC50 other aquatic organisms

species	value	duration (h)	remarks
SELENASTRUM CAPRICORNUTUM	54 mg/l	96 h	

12.2 Mobility:

Volatile organic compounds (VOC)	0 %
Solubility in/reaction with water	Insoluble in water
	Substance sinks in water
Water physicochemical processes	Forming sediments in water

12.3 Persistence and degradability:

12.4 Bioaccumulative potential:

Log Pow	5.33

Highly bioaccumulative

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)

16 05 06* : laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

Depending on branch of industry and production process, also other EURAL codes may be applicable

Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery

Remove waste in accordance with local and/or national regulations

Do not discharge into surface water (2000/60/EC, Council decision 2455/2001/EC, O.J. L331 of 15/12/2001)

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)

15 01 10* : packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADR	fluoranthene
UN number	3077
Class	9
Packing group	III
Hazard identification number	90
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

RID

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name RID	fluoranthene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

ADNR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADNR	fluoranthene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

IMO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name IMO	fluoranthene
UN number	3077
Class	9
Packing group	III
Labels	9
Marine pollutant	P
Environmentally hazardous substance mark	yes

ICAO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ICAO	fluoranthene
UN number	3077
Class	9
Packing group	III
Labels	9
Environmentally hazardous substance mark	yes

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Not listed in Annex I of directive 67/548/EEC et sequens. Labelling established on the basis of the available data.

Harmful

Dangerous for the environment

R-phrases

22	Harmful if swallowed

50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases

(02)	(Keep out of the reach of children)
(46)	(If swallowed, seek medical advice immediately and show this container or label)
60	This material and its container must be disposed of as hazardous waste
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

CLP

Classification and labelling according to the criteria of Regulation (EC) No 1272/2008 and after evaluation of available test data

Signal word

Wng	Warning

H-statements

H302	Harmful if swallowed.
H410	Very toxic to aquatic life with long lasting effects.

P-statements

P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.
P391	Collect spillage.
P501	Dispose of contents/container to manufacturer/competent authority.

15.2 National provisions:

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R22	Harmful if swallowed
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:

H302	Harmful if swallowed.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic

SAFETY DATA SHEET

Institute for Reference Materials and Measurements

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

BCR-337: dibenzofuran

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: BCR-337: dibenzofuran

CAS number	132-64-9
EINECS number	205-071-3
RTECS number	HP4430000
Molecular mass	168.19 g/mol
Formula	C12H80

1.2 Use of the substance/preparation:

Certified reference material for laboratory use only

1.3 Company/undertaking identification:

Institute for Reference Materials and Measurements
Retieseweg
B-2440 Geel
Tel: +32 14 57 12 11
Fax: +32 14 59 04 06
JRC-IRMM-RM-Sales@ec.europa.eu

1.4 Emergency telephone:

Poison Centre: +32 70 245 245

2. Hazards identification

DSD/DPD

Classified dangerous in accordance with Directives 67/548/EEC and 1999/45/EC

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Other hazards

Combustible

Its dust is explosive with air

Dust cloud can be ignited by a spark

Highly bioaccumulative

Not readily biodegradable in water

CLP

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Aquatic Chronic 2 Toxic to aquatic life with long lasting effects. (H411)

Other hazards

Combustible

Its dust is explosive with air

Dust cloud can be ignited by a spark

Highly bioaccumulative

Not readily biodegradable in water

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
dibenzofuran	132-64-9 205-071-3		N; R51-53	Aquatic Chronic 2; H411	

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air
Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Rinse with water
Soap may be used
Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water
Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water
Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Water spray
Polyvalent foam
Polymer foam
ABC powder
Carbon dioxide

5.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known

5.3 Special exposure hazards:

Temperature above flashpoint: higher fire/explosion hazard
Dust cloud can be ignited by a spark
Upon combustion CO and CO2 are formed

5.4 Instructions:

Take account of environmentally hazardous firefighting water
Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

Gloves
Protective clothing
Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

Dam up the solid spill
Prevent soil and water pollution
Prevent spreading in sewers
See heading 13

6.3 Methods for cleaning up:

Scoop solid spill into closing containers
Carefully collect the spill/leftovers
Clean contaminated surfaces with an excess of water
Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

Avoid raising dust
Avoid prolonged and repeated contact with skin
Keep away from naked flames/heat
Keep container tightly closed

Do not discharge the waste into the drain

7.2 Storage:

Safe storage requirements:

Store in a cool area
Store in a dry area
Store in a dark area
Keep container in a well-ventilated place
Fireproof storeroom
Meet the legal requirements

Keep away from:

oxidizing agents

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
No data available				

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Carry operations in the open/under local exhaust/ventilation or with respiratory protection

Personal protective equipment:

a) Respiratory protection:

Dust formation: dust mask

b) Hand protection:

Gloves

- PVC

c) Eye protection:

Safety glasses

In case of dust production: protective goggles

d) Skin protection:

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Crystalline solid
	Crystalline powder
	Needles
Odour	Characteristic odour
Colour	White

9.2 Important health, safety and environmental information:

Boiling point	287 °C
Flashpoint	130 °C
Relative density	1.1
Solubility in water	0.00031 g/100 ml
Solubility in solvents	Soluble in ethanol
	Soluble in ether
	Soluble in acetone
	Soluble in acetic acid
	Soluble in chloroform
Relative vapour density	5.8
Dynamic viscosity	(0 °C) 0.099 Pa.s
Log Pow	4.12 - 5.16

9.3 Other information:

Melting point	86 °C

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

ignition sources

Stability

No data available

10.2 Materials to avoid:

oxidizing agents

10.3 Hazardous decomposition products:

Upon combustion CO and CO2 are formed

11. Toxicological information

11.1 Acute toxicity:

No (test)data available.

11.2 Chronic toxicity:

Not listed in carcinogenicity class (IARC,EC,TLV,MAK)

Mutagenicity: AMES test negative

Mutagenicity tests: negative

Not listed in mutagenicity class (EC,MAK)

Not classified as toxic to reproduction (EC)

11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

No data available

Eye contact:

No data available

Ingestion:

No data available

11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:

Skin rash/inflammation

May stain the skin

12. Ecological information

12.1 Ecotoxicity:

BCR-337: dibenzofuran

LC50 fishes

species	value	duration (h)	remarks
PIMEPHALES PROMELAS	1.78 - 1.85 mg/l	96 h	

12.2 Mobility:

Volatile organic compounds (VOC)	0 %
Solubility in/reaction with water	Insoluble in water
Water physicochemical processes	Forming sediments in water

12.3 Persistence and degradability:

Half-life soil > 48 days

Not readily biodegradable in water

test: 0%, 28d, OECD 301C mitil

12.4 Bioaccumulative potential:

Log Pow 4.12 - 5.16

Highly bioaccumulative

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)

16 05 06* : laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

Depending on branch of industry and production process, also other EURAL codes may be applicable

Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery

Remove waste in accordance with local and/or national regulations

Obtain the consent of pollution control authorities before discharging to wastewater treatment plants

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)

15 01 10* : packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADR	dibenzofuran
UN number	3077
Class	9
Packing group	III
Hazard identification number	90
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

RID

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name RID	dibenzofuran
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

ADNR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADNR	dibenzofuran
UN number	3077
Class	9
Packing group	III

Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

IMO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name IMO	dibenzofuran
UN number	3077
Class	9
Packing group	III
Labels	9
Marine pollutant	P
Environmentally hazardous substance mark	yes

ICAO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ICAO	dibenzofuran
UN number	3077
Class	9
Packing group	III
Labels	9
Environmentally hazardous substance mark	yes

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Not listed in Annex I of directive 67/548/EEC et sequens. Labelling established on the basis of the available data.

Dangerous for the environment

R-phrases

51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases

(29)	(Do not empty into drains)
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

CLP

Classification and labelling according to the criteria of Regulation (EC) No 1272/2008 and after evaluation of available test data

Signal word

	No signal word

H-statements

H411	Toxic to aquatic life with long lasting effects.

P-statements

P273	Avoid release to the environment.
P391	Collect spillage.
P501	Dispose of contents/container to manufacturer/competent authority.

15.2 National provisions:

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

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(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:

H411	Toxic to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

Aquatic Chronic	Hazardous to the aquatic environment - chronic

SAFETY DATA SHEET

Institute for Reference Materials and Measurements

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

BCR-269: chrysene

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: BCR-269: chrysene

CAS number	218-01-9
EC index number	601-048-00-0
EINECS number	205-923-4
RTECS number	GC0700000
Molecular mass	228.30 g/mol
Formula	C18H12

1.2 Use of the substance/preparation:

Certified reference material for laboratory use only

1.3 Company/undertaking identification:

Institute for Reference Materials and Measurements
Retieseweg
B-2440 Geel
Tel: +32 14 57 12 11
Fax: +32 14 59 04 06
JRC-IRMM-RM-Sales@ec.europa.eu

1.4 Emergency telephone:

Poison Centre: +32 70 245 245

2. Hazards identification

DSD/DPD

May cause cancer

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Possible risk of irreversible effects

Other hazards

Its dust is explosive with air

Dust cloud can be ignited by a spark

No certainty about human mutagenic properties

Highly bioaccumulative

Literature reports: not readily degradable in water

CLP

Muta. 2	Suspected of causing genetic defects. (H341)
Carc. 1B	May cause cancer. (H350)
Aquatic Acute 1	Very toxic to aquatic life. (H400)
Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects. (H410)

Other hazards

Its dust is explosive with air

Dust cloud can be ignited by a spark

No certainty about human mutagenic properties

Highly bioaccumulative

Literature reports: not readily degradable in water

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note

chrysene	218-01-9 205-923-4		Carc. Cat. 2; R45 Muta. Cat. 3; R68 N; R50-53	Carc. 1B; H350 Muta. 2; H341 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air

Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Wash with water and soap

Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water

Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water

Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Water spray

Alcohol-resistant foam

Polymer foam

ABC powder

Carbon dioxide

5.2 Unsuitable extinguishing media:

Solid water jet ineffective as extinguishing medium

5.3 Special exposure hazards:

Heating increases the fire hazard

Dust cloud can be ignited by a spark

Upon combustion CO and CO2 are formed

5.4 Instructions:

Take account of toxic fire-fighting water

Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

Gloves

Protective clothing

Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

Dam up the solid spill

Prevent soil and water pollution

Prevent spreading in sewers

See heading 13

6.3 Methods for cleaning up:

Scoop solid spill into closing containers

Carefully collect the spill/leftovers

Clean contaminated surfaces with an excess of water

Take collected spill to manufacturer/competent authority

Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

Avoid raising dust
Warning! Avoid exposure
Keep away from naked flames/heat
Obtain special instructions before use
Observe strict hygiene
Finely divided: spark- and explosionproof appliances
Keep container tightly closed
Finely divided: keep away from ignition sources/sparks
Do not discharge the waste into the drain

7.2 Storage:

Safe storage requirements:

Store in a cool area
Store in a dry area
Store in a dark area
Keep container in a well-ventilated place
Keep locked up
Unauthorized persons are not admitted
Store only in a limited quantity
Meet the legal requirements

Keep away from:

oxidizing agents
(strong) acids

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

TLV (USA)

Chrysene	Short time value	- ppm
	Time-weighted average exposure limit	- ppm

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
1,2-benzophenanthrene	NIOSH	OSHA-58		
Chrysene	OSHA	CSI		
Chrysene	OSHA	58	filter	
Chrysene (Polynuclear aromatic Hydrocarbons)	NIOSH	5515	adsorption tubes	
Chrysene (Polynuclear aromatic Hydrocarbons)	NIOSH	5506	adsorption tubes	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Measure the concentration in the air regularly
Carry operations in the open/under local exhaust/ventilation or with respiratory protection
Personal protective equipment:

a) Respiratory protection:
Dust production: dust mask with filter type P3

b) Hand protection:
Gloves

c) Eye protection:
Safety glasses
In case of dust production: protective goggles

d) Skin protection:

Protective clothing

In case of dust production: head/neck protection

In case of dust production: dustproof clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Crystalline solid
	Flakes
Odour	Odourless
Colour	White
	On exposure to light: fluorescent blue

9.2 Important health, safety and environmental information:

Boiling point	448 °C
Relative density	1.27
Solubility in water	0.00000020 g/100 ml
Log Pow	(experimental) 5.81-5.86

9.3 Other information:

Melting point	256 °C

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

ignition sources

Stability

Stable under normal conditions

Reactions

Reacts violently with (strong) oxidizers

Decomposes on exposure to (strong) acids

10.2 Materials to avoid:

oxidizing agents

(strong) acids

10.3 Hazardous decomposition products:

Upon combustion CO and CO2 are formed

11. Toxicological information

11.1 Acute toxicity:

No (test)data available.

11.2 Chronic toxicity:

Probably human carcinogenic

No certainty about human mutagenic properties

Not classified as toxic to reproduction (EC)

BCR-269: chrysene

EC carc cat	2
EC muta cat	3
Listed in SZW - List of carcinogenic substances	yes
IARC - classification	3
TLV - Carcinogen	A3
MAK - Krebserzeugend Kategorie	2
MAK - Schwangerschaft Gruppe	-
CLP carc cat	category 1B

CLP muta cat	category 2

11.3 Acute effects/symptoms:

Inhalation:
No data available

Skin contact:
No data available

Eye contact:
No data available

Ingestion:
No data available

11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:
No specific information available
SIMILAR PRODUCTS CAUSE FOLLOWING SYMPTOMS:
Feeling of weakness
Photoallergy
Cracking of the skin
Skin rash/inflammation
Skin cancer
Lung tissue affection/degeneration
Enlargement/affection of the liver
Affection of the renal tissue

12. Ecological information

12.1 Ecotoxicity:

BCR-269: chrysene

TLM fishes

species	value	duration (h)	remarks
NEANTHES ARENACEODENTATA	>1 ppm	96 h	STATIC SYSTEM

Threshold limit algae

species	value	duration (h)	remarks
CYANOPHYTA	0.001 mg/l		GROWTH

12.2 Mobility:

Volatile organic compounds (VOC)	0 %
Solubility in/reaction with water	Insoluble in water
	Substance sinks in water
Water physicochemical processes	Forming sediments in water
Soil physicochemical processes	Adsorbs into the soil

12.3 Persistence and degradability:

Half-life soil	> 77 days

Literature reports: not readily degradable in water

12.4 Bioaccumulative potential:

Log Pow	(experimental) 5.81-5.86

Highly bioaccumulative

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)
16 05 06* : laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
Depending on branch of industry and production process, also other EURAL codes may be applicable
Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Dissolve or mix with a combustible solvent
Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery
Remove waste in accordance with local and/or national regulations
Do not discharge into surface water (2000/60/EC, Council decision 2455/2001/EC, O.J. L331 of 15/12/2001)

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)
15 01 10* : packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADR	chrysene
UN number	3077
Class	9
Packing group	III
Hazard identification number	90
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

RID

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name RID	chrysene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

ADNR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADNR	chrysene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

IMO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name IMO	chrysene
UN number	3077
Class	9
Packing group	III
Labels	9
Marine pollutant	P
Environmentally hazardous substance mark	yes

ICAO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ICAO	chrysene
UN number	3077
Class	9
Packing group	III
Labels	9
Environmentally hazardous substance mark	yes

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Labelling in accordance with 29th adaptation of EC directive 67/548/EEC

Dangerous for the environment

R-phrases

45	May cause cancer
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
68	Possible risk of irreversible effects

S-phrases

53	Avoid exposure - obtain special instructions before use
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
60	This material and its container must be disposed of as hazardous waste
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Additional recommendations

	Restricted to professional users.

CLP

Classification and labelling according to Regulation (EC) No 1272/2008 – Annex VI and after evaluation of available test data

Signal word

Dgr	Danger

H-statements

H350	May cause cancer.
H341	Suspected of causing genetic defects.
H410	Very toxic to aquatic life with long lasting effects.

P-statements

P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P273	Avoid release to the environment.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P405	Store locked up.

Supplemental information

	Restricted to professional users.

15.2 National provisions:

15.3 Specific community rules:

Enumerated in Annex XVII of Regulation (EC) No. 1907/2006: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Legislation	Reference legislation
EG/552/2009	See column 1: 28.
EG/552/2009	See column 1: 50. d)

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R45	May cause cancer
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R68	Possible risk of irreversible effects

Full text of any H-statements referred to under headings 2 and 3:

H341	Suspected of causing genetic defects.
H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Carc.	Carcinogenicity
Muta.	Germ cell mutagenicity

APG

Analytical Products Group, Inc.

2730 Washington Blvd., Belpre, OH 45714
740-423-4200 800-272-4442 Fax 740-423-5588

Material Safety Data Sheet

Date prepared on: 12/5/95

Last revised on: 1/20/08

Page **1**

Section I: Product Identification

CATALOG NUMBER: 5370/5372	PRODUCT NAME: Chlordane (Total)

Section II - Hazardous Ingredients/Identity Information

Chemical Name	CAS Reg. No.	OSHA PEL (TWA)	% Composition*
Acetone	67-64-1	750 ppm750 ppm	99.995%
Technical Chlordane	57-74-9	0.5 mg/m3	0.005%

* Components are calculated on a weight/weight basis.

Section III - Physical/Chemical Characteristics

BOILING POINT: 56°C (132°F) @ 760 mm Hg	SPECIFIC GRAVITY: 0.79 (water = 1)	
VAPOR PRESSURE: 181 mm Hg @ 20°C	SOLUBILITY IN WATER: Complete	APPEARANCE/ODOR: Clear, colorless liquid, sweet odor (acetone)

Section IV - Fire and Explosion Hazard Data

FLASH POINT (Method used): -18°C (-2°F) closed cup	AUTO IGNITION TEMPERATURE: 464°C (869°F)	FLAMMABLE LIMITS	LEL 2.5%	UEL 13%
EXTINGUISHING MEDIA: Use alcohol foam, dry chemical or carbon dioxide (water may be ineffective). Use extinguisher media appropriate for surrounding fire.				
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire exposed containers cool.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may flow along surfaces to distant ignition sources and flash back. Closed containers exposed to heat may explode. Contact with strong oxidizers may cause a fire.				

Section V - Reactivity Data

STABILITY:	Unstable ☐	Stable ☒	Conditions to Avoid: Heat, sparks, and contact with ignition source.
INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents, strong bases, halogen acids and halogen compounds, caustics, amines and ammonia, chlorine and chlorine compounds, strong acids, esp. sulfuric and nitric.			
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, toxic fumes of chlorine.			
HAZARDOUS POLYMERIZATION:	May Occur ☐	Will Not Occur ☒	Conditions to Avoid: N/A

Section VI - Health Hazard Data

ROUTES OF ENTRY	Inhalation? YES	Skin? YES	Ingestion? YES
HEALTH HAZARDS (Acute and Chronic): Acute: Irritation of the nose and throat. Chronic: Kidney and liver damage. CANCER HAZARD			
COMPONENTS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS: Technical Chlordane 57-74-9 (IARC) RTECS #PB9800000 Consult RTECS for complete information on the effects of this compound.			
SIGNS AND SYMPTOMS OF EXPOSURE: Irritation of skin, eyes, nose and throat. Headache, dizziness, vomiting, nausea, central nervous system depression, low blood pressure and respiratory failure. Prolonged contact may cause dermatitis.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin disorders, eye disorders, and chronic respiratory disease.			
EMERGENCY AND FIRST AID PROCEDURES: EYES: Remove contact lenses if present. Hold eyelids open and irrigate with large volumes of water for 15 min. Seek medical treatment. SKIN: Immediately wash with soap and water. Continue rinsing with large volumes of water for 15 min. Remove contaminated clothing. Seek medical treatment. INHALATION: If inhaled, remove to fresh air. Have a trained person administer oxygen and CPR if needed. Contact a physician immediately. INGESTION: If conscious, give large amounts of water and induce vomiting. Contact a physician immediately.			

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Diluted standard can be absorbed with sand or other non-combustible absorbent material and placed into a container for later disposal. Sample solutions should be absorbed with charcoal or other organic absorbent and incinerated. Flush are with water.
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Contains a CARCINOGEN or SUSPECTED CARCINOGEN. Avoid all inhalation and contact. Keep in a tightly closed container at all times. Protect from temperature extremes and direct sunlight. Handle with the utmost care. Store in an explosion proof refrigerator at 4C.
OTHER PRECAUTIONS* This product contains a chemical(s) known to the State of California to cause cancer.

Section VIII - Control Measures

RESPIRATORY PROTECTION (Please specify): Respiratory protection required if airborne concentration exceeds PEL 750 ppm. At concentrations up to 5000 ppm a chemical cartridge respirator with organic vapor cartridge is recommended. Above this level, a self-contained breathing apparatus is recommended. (20,000 ppm is immediately dangerous to life or health).	
VENTILATION: Use in an area provided with general and local exhaust ventilation meeting OSHA requirements	
PROTECTIVE GLOVES: Solvent resistant: neoprene, nitrile, or rubber.	EYE PROTECTION: Safety glasses or goggles.
OTHER PROTECTIVE EQUIPMENT: Protective clothing meeting laboratory safety requirements.	
EMERGENCY WASH FACILITIES: Maintain eye wash and quick drench showers in work area.	

The information stated in this Material Safety Data Sheet (MSDS) is believed to be correct on the date of publication and must not be considered all conclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. Persons not specifically and properly trained should not handle this chemical or its container. This MSDS is provided without any warranty expressed or implied, including merchantability or fitness for any particular purpose.

This product is furnished for laboratory use ONLY! Our standards may not be used as drugs, cosmetics, agricultural or pesticidal products, food additives or as house hold chemicals.

* Various Government agencies (i.e., Department of Transportation, Occupational Safety and Health Administration, Environmental Protection Agency, and others) may have specific regulations concerning the transportation, handling, storage or use of this product which may not be contained herein. The customer or user of this product should be familiar with these regulations.

Material Safety Data Sheet

SO-Flex **MSDS No. 625**

Date of Preparation: November 2, 2010 Revision: 0011

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: SO-Flex
General Use: Polyurethane Plasticizer
Manufacturer: Smooth-On Inc., 2000 St. John St., Easton PA 18042
Phone (610) 252-5800, FAX (610) 252-6200
Emergency Contact: Chem-Tel
Domestic: 800-255-3924 International: 813-248-0585

Section 2- Hazards Identification

Hazard Designation: Classified according to Articles 6 & 7of Directive 1999/45/EC

Europe **Canada**

HMIS	
H	2
F	1
R	0

+T:Toxic Xn: Harmful N: Dangerous for the environment

Risk Phrases pertaining to particular dangers
R20: Harmful by inhalation.
R36/37/38: Irritating to eyes, respiratory system and skin.
R40: Limited evidence of a carcinogenic effect.
R48/20: Harmful; danger of serious damage to health by prolonged exposure through inhalation.
R50/53: Very toxic to aquatic organisms may cause long term adverse effects in the aquatic environment.
R61: May cause harm to the unborn child.
R62: Possible risk of impaired fertility.

Section 3 - Composition / Information on Ingredients

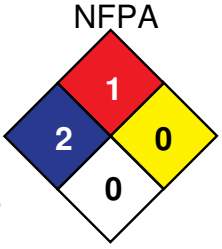
Component	ACGIH TWA	OSHA PEL	Hazard Designation	Weight Percent (%)
Butyl benzyl phthalate CAS Number: 85-68-7 EINECS Number: 201-622-7	None Established	None Established	+T N	**99.7**
Phenylmercuric neodecanoate CAS Number: 26545-49-3 EINECS Number: 247-783-7	None Established	None Established	Xn	**0.3**

Section 4 - First Aid Measures

Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.
Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.
Skin Contact: In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse; seek medical attention if rash develops.
Ingestion: Do not induce vomiting unless instructed by a physician. Contact physician immediately
After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

NFPA



Flash Point: >300 °F (150°C)
Flash Point Method: COC
LEL: Not Established **UEL:** Not Established
Flammability Classification: Non-Flammable
Extinguishing Media: Water Fog, Dry Chemical, and Carbon Dioxide Foam
Unusual Fire or Explosion Hazards: Hazardous decomposition products may be formed. Avoid water contamination in closed containers or confined areas as exothermic heat and carbon dioxide can evolve.
Fire-Fighting Instructions: Fire fighters should wear self-contained breathing apparatus. Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Only properly protected personnel should remain in the spill area; dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely**.**

Section 7 - Handling and Storage

Handling Precautions: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Avoid moisture contamination. Reseal partial containers. Use good general housekeeping procedures.
Storage Requirements: Store in cool dry, well-ventilated area.

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: Follow OSHA respirator regulations 29 CFR 1910.134 and European Standard EN 149; wear an MSHA/NIOSH or European Standard EN149 approved respirator. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid
Appearance : Clear oily liquid
Odor : mild odor
Vapor Pressure (mm of Hg): 8.6 x 10^{-6} @ 20℃
Vapor Density (Air=1): 10.8
Specific Gravity (H_2O=1, at 4 ℃): 1.12
Water Solubility: Negligible:
Boiling Point: 370℃
% Volatile: Nil
Freezing/Melting Point: None Determined
Viscosity: 1 poise
Evaporation Rate: None Determined

Section 10 - Stability and Reactivity

Stability: This product is stable at room temperature in closed containers under normal storage and handling conditions.
Polymerization: Hazardous polymerization can occur.
Chemical Incompatibilities: Strong bases, water, amines, alcohols.
Conditions to Avoid: Avoid contamination with water and other materials that react with Isocyanates.
Hazardous Decomposition Products: carbon monoxide and carbon dioxide.

Section 11- Toxicological Information

Butyl Benzyl Phthalate	Rat: 20,400 mg/kg	Rat: >6.7 g/l for 4 hours.

Section 12 - Ecological Information

Butyl Benzyl Phthalate: Biodegradable according to OECD.
Ecotoxicity in water: 1.1-1.7 mg/l (Fish)

Section 13 - Disposal Considerations

Disposal: Must be disposed of in accordance with local regulations.

Section 14 - Transport Information

DOT	IATA	IMDG
55 Gallon Quantities or Greater **Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Butyl Benzyl Phthalate Mixture **UN #:** 3082 **Hazard Class:** 9 **Label:** Miscellaneous	All Quantities **Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Butyl Benzyl Phthalate Mixture **UN #:** 3082 **Hazard Class:** 9 **Label:** Miscellaneous	All Quantities **Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Butyl Benzyl Phthalate Mixture **UN #:** 3082 **Hazard Class:** 9 **Label:** Marine Pollutant

Section 15 - Regulatory Information

TSCA Inventory Status (40 CFR710): All components of this formulation are listed in the TSCA Inventory.

California Proposition 65**:** This product contains Butyl Benzyl Phthalate and a mercury compound, which have been identified by the state of California to cause birth defects or other reproductive harm.

Section 15 - Regulatory Information (continued)

Canadian Regulations;

WHMIS Identification: **D2A, D2B**
CDSL/NDL (Canadian Domestic Substance List/Non Domestic Substance List): **Listed on CDSL**

Labeling according to EEC Directive

Risk Phrases	Symbol(s) Required for EU Label	Safety Phrases
R20: Harmful by inhalation. **R36/37/38**: Irritating to eyes, respiratory system and skin. **R40**: Limited evidence of a carcinogenic effect. **R48/20**: Harmful; danger of serious damage to health by prolonged exposure through inhalation **R50/53**: Very toxic to aquatic organisms may cause long term adverse effects in the aquatic environment. **R61:** May cause harm to the unborn child. **R62:** Possible risk of impaired fertility.	 **+T: Toxic** **Xn: Harmful** **N: Dangerous for the environment**	**S1/2:** Keep locked up and out of reach of children. **S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. **S28:** After contact with skin, wash immediately with plenty of soap-suds. **S36/37/39:** Wear suitable protective clothing, gloves and eye and face protection. **S45:** In case of accident or if you feel ill, seek medical advice immediately. **S53**: Avoid exposure. **S60**: This material and container must be disposed as hazardous waste. **S61:** Avoid release to the environment. (See MSDS).

16 - Other Information

Disclaimer: The information contained in this MSDS is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA)Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1907/2006/EEC (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European Union (EU/EEC) directive 1907/2006/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directives.

SAFETY DATA SHEET

Institute for Reference Materials and Measurements

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

BCR-048R: benzo[k]fluoranthene

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: BCR-048R: benzo[k]fluoranthene

CAS number	207-08-9
EC index number	601-036-00-5
EINECS number	205-916-6
RTECS number	DF6350000
Molecular mass	252.32 g/mol
Formula	C20H12

1.2 Use of the substance/preparation:

Certified reference material for laboratory use only

1.3 Company/undertaking identification:

Institute for Reference Materials and Measurements
Retieseweg
B-2440 Geel
Tel: +32 14 57 12 11
Fax: +32 14 59 04 06
JRC-IRMM-RM-Sales@ec.europa.eu

1.4 Emergency telephone:

Poison Centre: +32 70 245 245

2. Hazards identification

NFPA: 1-1-2(*)

DSD/DPD

May cause cancer

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Other hazards

Its dust is explosive with air

Dust cloud can be ignited by a spark

Slightly irritant to skin

Slightly irritant to eyes

Caution! Substance is absorbed through the skin

No certainty about human mutagenic properties

Highly bioaccumulative

Not readily biodegradable in water

CLP

Carc. 1B	May cause cancer. (H350)
Aquatic Acute 1	Very toxic to aquatic life. (H400)
Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects. (H410)

Other hazards

Its dust is explosive with air

Dust cloud can be ignited by a spark

Slightly irritant to skin

Slightly irritant to eyes

Caution! Substance is absorbed through the skin

No certainty about human mutagenic properties

Highly bioaccumulative

Not readily biodegradable in water

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
benzo[k]fluoranthene	207-08-9 205-916-6		Carc. Cat. 2; R45 N; R50-53	Carc. 1B; H350 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air

Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Rinse with water

Do not apply (chemical) neutralizing agents

Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water

Do not apply neutralizing agents

Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water

Immediately after ingestion: give lots of water to drink

Do not induce vomiting

Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Water spray

Polyvalent foam

ABC powder

Carbon dioxide

5.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known

5.3 Special exposure hazards:

Heating increases the fire hazard

Dust cloud can be ignited by a spark

Upon combustion CO and CO2 are formed

5.4 Instructions:

Take account of toxic fire-fighting water

Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

Gloves

Protective clothing

Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

Dam up the solid spill

Prevent soil and water pollution

Prevent spreading in sewers

See heading 13

6.3 Methods for cleaning up:

Scoop solid spill into closing containers
Carefully collect the spill/leftovers
Clean contaminated surfaces with an excess of water
Take collected spill to manufacturer/competent authority
Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

Avoid raising dust
Warning! Avoid exposure
Keep away from naked flames/heat
Obtain special instructions before use
Observe strict hygiene
Keep container tightly closed
Do not discharge the waste into the drain

7.2 Storage:

Safe storage requirements:

Store in a cool area
Store in a dry area
Keep container in a well-ventilated place
Keep locked up
Unauthorized persons are not admitted
Meet the legal requirements

Keep away from:

oxidizing agents
(strong) acids

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
Benz(a)Anthracene	OSHA	CSI		
Benz(a)Anthracene (Polynuclear aromatic hydrocarbons)	NIOSH	5506	adsorption tubes	
Benz(a)Anthracene (Polynuclear aromatic hydrocarbons)	NIOSH	5515	adsorption tubes	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Measure the concentration in the air regularly
Carry operations in the open/under local exhaust/ventilation or with respiratory protection
Personal protective equipment:

a) Respiratory protection:

Dust production: dust mask with filter type P3

b) Hand protection:

Gloves

c) Eye protection:

Safety glasses
In case of dust production: protective goggles

d) Skin protection:

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Crystalline solid
	Needles
Colour	Light yellow

9.2 Important health, safety and environmental information:

Boiling point	480 °C
Vapour pressure (20°C)	< 0.00001 hPa
Solubility in water	< 0.00001 g/100 ml
Solubility in solvents	Soluble in ethanol
	Soluble in acetic acid
	Soluble in oils/fats
Log Pow	6.84

9.3 Other information:

Melting point	217 °C

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

ignition sources

Stability

No data available

Reactions

Reacts violently with (strong) oxidizers

10.2 Materials to avoid:

oxidizing agents

(strong) acids

10.3 Hazardous decomposition products:

Upon combustion CO and CO2 are formed

11. Toxicological information

11.1 Acute toxicity:

No (test)data available.

11.2 Chronic toxicity:

Probably human carcinogenic

No certainty about human mutagenic properties

Not classified as toxic to reproduction (EC)

BCR-048R: benzo[k]fluoranthene

EC carc cat	2
Listed in SZW - List of carcinogenic substances	yes
IARC - classification	2B
MAK - Krebserzeugend Kategorie	2
MAK - Keimzellmutagen Kategorie	3B
MAK - Schwangerschaft Gruppe	-
CLP carc cat	category 1B

11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

Slight irritation

Eye contact:

Slight irritation

Ingestion:

No data available

11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:
No specific information available
SIMILAR PRODUCTS CAUSE FOLLOWING SYMPTOMS:
Feeling of weakness
Cracking of the skin
Skin rash/inflammation
Photoallergy
Skin cancer
Lung tissue affection/degeneration
Enlargement/affection of the liver
Affection of the renal tissue

12. Ecological information

12.1 Ecotoxicity:

No (test)data available.

12.2 Mobility:

Volatile organic compounds (VOC)	0 %
Solubility in/reaction with water	Insoluble in water
Water physicochemical processes	Forming sediments in water
Soil physicochemical processes	Adsorbs into the soil

12.3 Persistence and degradability:

Water abiotic degradation processes	Ozonation in water
Half-life soil	65 - 1400 days

Not readily biodegradable in water

12.4 Bioaccumulative potential:

Log Pow	6.84

Highly bioaccumulative

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)
16 05 06* : laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
Depending on branch of industry and production process, also other EURAL codes may be applicable
Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Dissolve or mix with a combustible solvent
Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery
Remove waste in accordance with local and/or national regulations
Do not discharge into surface water (2000/60/EC, Council decision 2455/2001/EC, O.J. L331 of 15/12/2001)

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)
15 01 10* : packaging containing residues of or contaminated by dangerous substances

{13.4 Entsorgung verschmutzter Gebinde:}

14. Transport information

ADR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADR	benzo[k]fluoranthene
UN number	3077
Class	9
Packing group	III
Hazard identification number	90
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

RID

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name RID	benzo[k]fluoranthene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

ADNR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADNR	benzo[k]fluoranthene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

IMO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name IMO	benzo[k]fluoranthene
UN number	3077
Class	9
Packing group	III
Labels	9
Marine pollutant	P
Environmentally hazardous substance mark	yes

ICAO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ICAO	benzo[k]fluoranthene
UN number	3077
Class	9
Packing group	III
Labels	9
Environmentally hazardous substance mark	yes

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Enumerated in substance list Annex I of directive 67/548/EEC et sequens

Dangerous for the environment

R-phrases

45	May cause cancer
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases

53	Avoid exposure - obtain special instructions before use
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
60	This material and its container must be disposed of as hazardous waste
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Additional recommendations

	Restricted to professional users.

CLP

Classification and labelling according to Regulation (EC) No 1272/2008 – Annex VI and after evaluation of available test data

Signal word

Dgr	Danger

H-statements

H350	May cause cancer.
H410	Very toxic to aquatic life with long lasting effects.

P-statements

P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P273	Avoid release to the environment.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P405	Store locked up.

Supplemental information

	Restricted to professional users.

15.2 National provisions:

15.3 Specific community rules:

Enumerated in Annex XVII of Regulation (EC) No. 1907/2006: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Legislation	Reference legislation
EG/552/2009	See column 1: 28.
EG/552/2009	See column 1: 50. g)

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R45	May cause cancer
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:

H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Carc.	Carcinogenicity

SAFETY DATA SHEET

Institute for Reference Materials and Measurements

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

BCR-052: benzo[ghi]perylene

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: BCR-052: benzo[ghi]perylene

CAS number	191-24-2
EINECS number	205-883-8
RTECS number	DI6200500
Molecular mass	276.34 g/mol
Formula	C22H12

1.2 Use of the substance/preparation:

Certified reference material for laboratory use only

1.3 Company/undertaking identification:

Institute for Reference Materials and Measurements
Retieseweg
B-2440 Geel
Tel: +32 14 57 12 11
Fax: +32 14 59 04 06
JRC-IRMM-RM-Sales@ec.europa.eu

1.4 Emergency telephone:

Poison Centre: +32 70 245 245

2. Hazards identification

DSD/DPD

Classified dangerous in accordance with Directives 67/548/EEC and 1999/45/EC

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Other hazards

According to literature, highly bioaccumulative

Not readily biodegradable in water

CLP

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Aquatic Acute 1	Very toxic to aquatic life. (H400)
Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects. (H410)

Other hazards

According to literature, highly bioaccumulative

Not readily biodegradable in water

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
benzo[ghi]perylene	191-24-2 205-883-8		N; R50-53	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air

Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Wash with water and soap

Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water

Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water

Immediately after ingestion: give lots of water to drink

Do not induce vomiting

Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Water spray

Alcohol-resistant foam

Polymer foam

ABC powder

Carbon dioxide

5.2 Unsuitable extinguishing media:

Solid water jet ineffective as extinguishing medium

5.3 Special exposure hazards:

Upon combustion CO and CO2 are formed

5.4 Instructions:

Take account of environmentally hazardous firefighting water

Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

Gloves

Protective clothing

Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

Dam up the solid spill

Prevent soil and water pollution

Prevent spreading in sewers

See heading 13

6.3 Methods for cleaning up:

Scoop solid spill into closing containers

Carefully collect the spill/leftovers

Clean contaminated surfaces with an excess of water

Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

Avoid raising dust

Reduce/avoid exposure and/or contact

Keep away from naked flames/heat

Keep container tightly closed

Do not discharge the waste into the drain

7.2 Storage:

Safe storage requirements:

Store in a cool area

Store in a dry area

Store in a dark area
Keep container in a well-ventilated place
Meet the legal requirements

Keep away from:

oxidizing agents

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
Benzo(g,h,i)perylene	OSHA	CSI		
Benzo(g,h,i)perylene (Polynuclear aromatic hydrocarbons)	NIOSH	5506	adsorption tubes	
Benzo(g,h,i)perylene (Polynuclear aromatic hydrocarbons)	NIOSH	5515	adsorption tubes	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Carry operations in the open/under local exhaust/ventilation or with respiratory protection

Personal protective equipment:

a) Respiratory protection:

Dust formation: dust mask

b) Hand protection:

Gloves

c) Eye protection:

Safety glasses

In case of dust production: protective goggles

d) Skin protection:

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Crystalline solid
Colour	Light yellow-green

9.2 Important health, safety and environmental information:

Boiling point	> 500 °C
Solubility in water	0.000000026 g/100 ml
Solubility in solvents	Soluble in acetone
	Soluble in 1,4-dioxane
	Soluble in dichloromethane
Log Pow	(calc.) 6.51 - 7.23

9.3 Other information:

Melting point	272 °C

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

Stability

Stable under normal conditions

10.2 Materials to avoid:

oxidizing agents

10.3 Hazardous decomposition products:

Upon combustion CO and CO2 are formed

11. Toxicological information

11.1 Acute toxicity:

No (test)data available.

11.2 Chronic toxicity:

Not classifiable as a human carcinogen
Mutagenicity tests: positive
Not listed in mutagenicity class (EC,MAK)
Not classified as toxic to reproduction (EC)

BCR-052: benzo[ghi]perylene

IARC - classification	3

11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

No data available

Eye contact:

No data available

Ingestion:

No data available

11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:
No specific information available
SIMILAR PRODUCTS CAUSE FOLLOWING SYMPTOMS:
Feeling of weakness
Cracking of the skin
Skin rash/inflammation
Photoallergy
Skin cancer
Lung tissue affection/degeneration
Enlargement/affection of the liver
Affection of the renal tissue

12. Ecological information

12.1 Ecotoxicity:

12.2 Mobility:

Volatile organic compounds (VOC)	0 %
Solubility in/reaction with water	Insoluble in water
Water physicochemical processes	Forming sediments in water
Soil physicochemical processes	Adsorbs into the soil

12.3 Persistence and degradability:

Half-life soil	> 173 days

Not readily biodegradable in water
test: 18%, 5we.; 24%, 240d.

12.4 Bioaccumulative potential:

Log Pow	(calc.) 6.51 - 7.23

According to literature, highly bioaccumulative

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)
16 05 06* : laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
Depending on branch of industry and production process, also other EURAL codes may be applicable
Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Dissolve or mix with a combustible solvent
Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery
Remove waste in accordance with local and/or national regulations
Do not discharge into surface water (2000/60/EC, Council decision 2455/2001/EC, O.J. L331 of 15/12/2001)

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)
15 01 10* : packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADR	benzo[ghi]perylene
UN number	3077
Class	9
Packing group	III
Hazard identification number	90
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

RID

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name RID	benzo[ghi]perylene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

ADNR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADNR	benzo[ghi]perylene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

IMO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name IMO	benzo[ghi]perylene
UN number	3077
Class	9
Packing group	III
Labels	9
Marine pollutant	P
Environmentally hazardous substance mark	yes

ICAO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ICAO	benzo[ghi]perylene
UN number	3077
Class	9
Packing group	III
Labels	9
Environmentally hazardous substance mark	yes

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Not listed in Annex I of directive 67/548/EEC et sequens. Labelling established on the basis of the available data.

Dangerous for the environment

R-phrases

50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases

60	This material and its container must be disposed of as hazardous waste
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

CLP

Classification and labelling according to the criteria of Regulation (EC) No 1272/2008 and after evaluation of available test data

Signal word

Wng	Warning

H-statements

H410	Very toxic to aquatic life with long lasting effects.

P-statements

P273	Avoid release to the environment.
P391	Collect spillage.
P501	Dispose of contents/container to manufacturer/competent authority.

15.2 National provisions:

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

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(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:

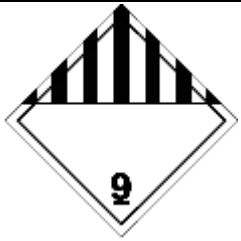
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic

Material Safety Data Sheet

since 1895

NFPA	WHMIS	PPE	Transport Symbol
			

Preparation Date No data available **Revision Date** 16-Apr-2007 **Revision Number** 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Black-Knight™ CTP
Product Code 8344
UN-No UN3077
Contact Manufacturer

The Garland Company, Inc.
3800 East 91st. Street
Cleveland, Ohio 44105-2197
Ph: (800) 762-8225 Fax: (216) 641-0633

Garland Canda, Inc.
1296 Martin Grove Rd.
Toronto, Ontario M9W 4X3
Ph: (416)747-7995 Fax: (416)747-1980

Emergency Telephone Number 1-800-762-8225 (24 Hrs.)

2. HAZARDS IDENTIFICATION

Emergency Overview

Harmful by inhalation, in contact with skin and if swallowed
Harmful in contact with skin
Harmful if swallowed
Harmful by inhalation
Irritating to respiratory system
Irritating to skin
May be harmful if swallowed
May cause irritation of respiratory tract

Appearance Black. **Physical State** Solid. Liquid. **Odor** Aromatic.

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Mexico - Grade Serious risk, Grade 3

Potential Health Effects

Principle Routes of Exposure Skin contact, Inhalation, Ingestion.

Acute Effects

Eyes Avoid contact with eyes. Irritating to eyes.

Skin Avoid contact with skin. Irritating to skin. May cause sensitization by skin contact.

Inhalation Avoid breathing vapors or mists. Irritating to mucous membranes. Inhalation of vapours in high concentration may cause irritation of respiratory system.

Ingestion May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Chronic Effects Prolonged exposure may cause chronic effects.

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Skin disorders. Central nervous system.

Interactions with Other Chemicals Not available

Potential Environmental Effects See Section 12 for additional Ecological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Name	CAS-No	Weight %	North American Hazard Indicator
High Temperature Coal Tar Pitch	65996-93-2	60 - 100	1
Fluoranthene	206-44-0	1 - 5	1
Phenanthrene	85-01-8	1 - 5	1
Pyrene	129-00-0	1 - 5	1
1,2-Benzanthracene	56-55-3	1 - 5	1
1,2-Benzphenanthrene	218-01-9	1 - 5	1
Benzo(a)pyrene	50-32-8	1 - 5	1
Benzo(G,H,I)Perylene	191-24-2	1 - 5	1
Indeno(1,2,3-CD)Pyrene	193-39-5	0.1 - 1	1
Benzo(B)fluoranthene	205-99-2	0.1 - 1	1
Dibenzo(A,H)pyrene	189-64-0	0.1 - 1	1
Benzo(J)fluoranthene	205-82-3	0.1 - 1	1
Benzo(K)fluoranthene	207-08-9	0.1 - 1	1
Dibenzo(A,E)pyrene	192-65-4	0.1 - 1	1
Dibenzo(A,I)pyrene	189-55-9	0.1 - 1	1
Dibenz(A,H)anthracene	53-70-3	0.1 - 1	1
Naphthalene	91-20-3	0.1 - 1	1
5-Methylchrysene	3697-24-3	0.1 - 1	1

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician immediately.

Ingestion Never give anything by mouth to an unconscious person. Drink 1 or 2 glasses of water. Do not induce vomiting. Call a physician or Poison Control Centre immediately.

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Carbon dioxide (CO_2). Foam. Dry powder. Dry chemical.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Hazardous Combustion Products Carbon monoxide, Carbon dioxide (CO_2), Hydrocarbons.

Explosion Data

Sensitivity to mechanical impact No
Sensitivity to static discharge Yes

Specific Hazards Arising from the Chemical
Combustible material. Thermal decomposition can lead to release of irritating gases and vapours.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA **Health** 3 **Flammability** 1 **Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with skin, eyes and clothing. Evacuate personnel to safe areas. Use personal protective equipment. Remove all sources of ignition. Take precautionary measures against static discharges. Ensure adequate ventilation.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Keep out of waterways.

Methods for Containment Dam up

Methods for Cleaning Up Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Keep in suitable and closed containers for disposal.

Other Information Not applicable

7. HANDLING AND STORAGE

Handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation.

Storage Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep at temperatures below 100°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
High Temperature Coal Tar Pitch	TWA: 0.2 mg/m^3	TWA: 0.2 mg/m^3	TWA: 0.2 mg/m^3	STEL: 0.03 mg/m^3 STEL: 0.015 ppm TWA: 0.02 mg/m^3 TWA: 0.002 mg/m^3
Naphthalene	TWA: 10 ppm STEL: 15 ppm Skin	TWA: 50 mg/m^3 TWA: 10 ppm	STEL: 78 mg/m^3 STEL: 15 ppm TWA: 10 ppm TWA: 52 mg/m^3	STEL: 75 mg/m^3 STEL: 15 ppm TWA: 50 mg/m^3 TWA: 10 ppm

Chemical Name	NIOSH IDLH
High Temperature Coal Tar Pitch	80 mg/m^3
Naphthalene	250 ppm

Engineering Measures Ensure adequate ventilation, especially in confined areas. Do not allow ventilation equipment to draw material odors indoors..

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles.
Skin Protection Long sleeved clothing. Boots. Lightweight protective clothing.
Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene Measures
When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Black
Odor Aromatic
Physical State Solid Liquid
pH Not available
Flash Point > 374°F / > 190°C
Method Tag closed cup
Autoignition Temperature 750°F / 399°C
Boiling Point/Range >464°F / 240°C
Freezing Point Not available
Flammability Limits in Air **Lower** Not available **Upper** Not available
Explosive Properties Not available
Oxidizing Properties Not available
Evaporation Rate 0.37 for solvent (ether = 1)
Vapor Pressure <1 mmHg @ 68 °F
Vapor Density <1 @ Air = 1
Specific Gravity 1.3
Solubility Slightly soluble

9. PHYSICAL AND CHEMICAL PROPERTIES

Water Solubility slightly soluble
Volatiles Not available
VOC Content 0 g/l

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Conditions to Avoid Keep away from open flames, hot surfaces and sources of ignition.

Incompatible Materials Strong oxidizing agents.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

Possibility of Hazardous Reactions Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Fluoranthene	2 g/kg Rat	3180 mg/kg Rabbit	
Phenanthrene	700 mg/kg Mouse		
Pyrene	2700 mg/kg Rat		
Naphthalene	490 mg/kg Rat	2500 mg/kg Rat 20 g/kg Rabbit	340 mg/m^3 Rat 1 h

Chronic Toxicity

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
High Temperature Coal Tar Pitch	A1	Group 1	Known	X	A1

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
1,2-Benzanthracene	A2	Group 2A	Reasonably Anticipated	X	
1,2-Benzphenanthrene	A3				
Benzo(a)pyrene	A2	Group 2A	Reasonably Anticipated	X	
Indeno(1,2,3-CD)Pyrene		Group 2B	Reasonably Anticipated	X	
Benzo(B)fluoranthene	A2	Group 2B	Reasonably Anticipated	X	
Dibenzo(A,H)pyrene		Group 2B	Reasonably Anticipated	X	
Benzo(J)fluoranthene		Group 2B	Reasonably Anticipated	X	
Benzo(K)fluoranthene		Group 2B	Reasonably Anticipated	X	
Dibenzo(A,E)pyrene		Group 2B	Reasonably Anticipated	X	
Dibenzo(A,I)pyrene		Group 2B	Reasonably Anticipated	X	
Dibenz(A,H)anthracene		Group 2A	Reasonably Anticipated	X	
Naphthalene		Group 2B	Reasonably Anticipated	X	
5-Methylchrysene		Group 2B	Reasonably Anticipated	X	

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Pyrene

Water Flea Data
water flea EC50=1.8 mg/L (48 h)

1,2-Benzanthracene

Microtox Data
Photobacterium phosphoreum EC50=0.26 mg/L (15 min)
Water Flea Data
water flea EC50=0.01 mg/L (96 h)

1,2-Benzphenanthrene

Water Flea Data
water flea EC50=1.9 mg/L (2 h)

Naphthalene

Freshwater Algae Data
Skeletonema costatum EC50=0.4 mg/L (96 h)
Microtox Data
Photobacterium phosphoreum EC50=0.93 mg/L (30 min)
Pseudomonas putida EC50>20 mg/L (18 h)
Water Flea Data
water flea EC50=2.16 mg/L (48 h)

Persistence/Degradability	Not available
Bioaccumulation/ Accumulation	Not available
Mobility in Environmental Media	Not available

High Temperature Coal Tar Pitch
log Pow = 6.04

Fluoranthene
log Pow = 5.33

Phenanthrene
log Pow = 4.46

Pyrene
log Pow = 4.88

1,2-Benzanthracene
log Pow = 5.61

1,2-Benzphenanthrene
log Pow = 5.61 - 5.91

Benzo(a)pyrene
log Pow = 6.06

Benzo(G,H,I)Perylene
log Pow = 7.23

Indeno(1,2,3-CD)Pyrene
log Pow = 6.584

Benzo(B)fluoranthene
log Pow = 6.57

Benzo(K)fluoranthene
log Pow = 6.84

Dibenz(A,H)anthracene
log Pow = 6.50

Naphthalene
log Pow = 3.3

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

US EPA Waste Number D001

Chemical Name	RCRA
Fluoranthene - 206-44-0	waste number U120

Chemical Name	RCRA
1,2-Benzanthracene - 56-55-3	waste number U018
1,2-Benzphenanthrene - 218-01-9	waste number U050
Benzo(a)pyrene - 50-32-8	waste number U022
Indeno(1,2,3-CD)Pyrene - 193-39-5	waste number U137
Benzo(B)fluoranthene - 205-99-2	(hazardous constituent - no waste number)
Dibenzo(A,H)pyrene - 189-64-0	(hazardous constituent - no waste number)
Benzo(J)fluoranthene - 205-82-3	(hazardous constituent - no waste number)
Benzo(K)fluoranthene - 207-08-9	(hazardous constituent - no waste number)
Dibenzo(A,E)pyrene - 192-65-4	(hazardous constituent - no waste number)
Dibenzo(A,I)pyrene - 189-55-9	waste number U064
Dibenz(A,H)anthracene - 53-70-3	waste number U063
Naphthalene - 91-20-3	waste number U165

14. TRANSPORT INFORMATION

DOT Not Regulated

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
UN-No UN3077
Packing Group III
Reportable Quantity (RQ) Dibenz[a,i]pyrene, RQ kg = 1816 Indeno1,2,3-cdpyrene, RQ kg = 4585.858 Fluoranthene, RQ kg = 1297.143 Chrysene, RQ kg = 3242.857 Benz[a]anthracene, RQ kg = 324.2857 Acenaphthene, RQ kg = 9659.574 Naphthalene, RQ kg = 18916.67
Description Environmentally hazardous substances, solid, n.o.s.(Dibenz[a,i]pyrene,Indeno(1,2,3-cd)pyrene,Fluoranthene,Chrysene,Benz[a]anthracene,Acenaphthene,Naphthalene),9,UN3077,PG III,RQ

TDG Not regulated

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
UN-No UN3077
Packing Group III
Description ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., Class 9,UN3077,PG III

MEX Not regulated

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
UN-No UN3077
Packing Group III
Description UN3077 Environmentally hazardous substance, solid, n.o.s.,9,III

ICAO Not regulated

UN-No UN3077
Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
Packing Group III

14. TRANSPORT INFORMATION

Description Environmentally hazardous substance, solid, n.o.s.*,UN3077,PG III

IATA Not regulated
UN-No UN3077
Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
Packing Group III
ERG Code 9L
Description Environmentally hazardous substance, solid, n.o.s.*,UN3077,PG III

IMDG/IMO Not regulated
Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
UN-No UN3077
Packing Group III
EmS No. F-A, S-F
Description Environmentally hazardous substance, solid, n.o.s.,UN3077,PG III

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
High Temperature Coal Tar Pitch	X	X	-	X	-	X	X	X	X	X
Fluoranthene	X	-	X	X	-	X	X	-	-	X
Phenanthrene	X	X	-	X	-	X	X	X	X	X
Pyrene	X	X	-	X	-	X	X	-	X	X
1,2-Benzanthracene	X	-	X	X	-	-	X	-	-	-
1,2-Benzphenanthrene	X	X	-	X	-	-	-	X	-	X
Benzo(a)pyrene	X	X	-	X	-	-	X	X	X	-
Benzo(G,H,I)Perylene	-	-	-	X	-	-	-	-	-	-
Indeno(1,2,3-CD)Pyrene	X	-	X	X	-	-	-	-	-	-
Benzo(B)fluoranthene	-	-	-	X	-	-	-	-	-	-
Dibenzo(A,H)pyrene	-	-	-	X	-	-	-	-	-	-
Benzo(J)fluoranthene	-	-	-	X	-	-	-	-	-	-
Benzo(K)fluoranthene	-	-	-	X	-	-	-	-	-	-
Dibenzo(A,E)pyrene	-	-	-	X	-	-	-	-	-	-
Dibenzo(A,I)pyrene	-	-	-	X	-	-	-	-	-	-
Dibenz(A,H)anthracene	X	-	X	X	-	-	X	-	-	-
Naphthalene	X	X	-	X	-	X	X	X	X	X
5-Methylchrysene	-	-	-	-	-	-	-	-	-	-

TSCA Does not Comply
DSL Does not Comply
NDSL Does not Comply
EINECS Does not Comply
ELINCS Does not Comply
ENCS Does not Comply
CHINA Does not Comply
KECL Does not Comply

PICCS Does not Comply
AICS Does not Comply

USA

Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values
Fluoranthene (CAS #: 206-44-0)	1.0%
Phenanthrene (CAS #: 85-01-8)	1.0%
1,2-Benzanthracene (CAS #: 56-55-3)	0.1%
1,2-Benzphenanthrene (CAS #: 218-01-9)	0.1%
Benzo(a)pyrene (CAS #: 50-32-8)	0.1%
Benzo(G,H,I)Perylene (CAS #: 191-24-2)	1.0%
Indeno(1,2,3-CD)Pyrene (CAS #: 193-39-5)	0.1%
Benzo(B)fluoranthene (CAS #: 205-99-2)	0.1%
Dibenzo(A,H)pyrene (CAS #: 189-64-0)	0.1%
Benzo(J)fluoranthene (CAS #: 205-82-3)	0.1%
Benzo(K)fluoranthene (CAS #: 207-08-9)	0.1%
Dibenzo(A,E)pyrene (CAS #: 192-65-4)	0.1%
Dibenzo(A,I)pyrene (CAS #: 189-55-9)	0.1%
Dibenz(A,H)anthracene (CAS #: 53-70-3)	0.1%
Naphthalene (CAS #: 91-20-3)	0.1%
5-Methylchrysene (CAS #: 3697-24-3)	0.1%

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any HAPs.

Chemical Name
Naphthalene (CAS #: 91-20-3)

State Regulations

California Proposition 65
WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

Chemical Name	CAS-No	Category	Type
1,2-Benzanthracene	56-55-3	Carcinogen	
1,2-Benzphenanthrene	218-01-9	Carcinogen	
Benzo(a)pyrene	50-32-8	Carcinogen	
Indeno(1,2,3-CD)Pyrene	193-39-5	Carcinogen	
Benzo(B)fluoranthene	205-99-2	Carcinogen	
Dibenzo(A,H)pyrene	189-64-0	Carcinogen	
Benzo(J)fluoranthene	205-82-3	Carcinogen	
Benzo(K)fluoranthene	207-08-9	Carcinogen	
Dibenzo(A,E)pyrene	192-65-4	Carcinogen	
Dibenzo(A,I)pyrene	189-55-9	Carcinogen	
Dibenz(A,H)anthracene	53-70-3	Carcinogen	
Naphthalene	91-20-3	Carcinogen	

Chemical Name	CAS-No	Category	Type
5-Methylchrysene	3697-24-3	Carcinogen	

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
High Temperature Coal Tar Pitch	X	X	X	X	
Fluoranthene	X	X	X		
Phenanthrene	X	X	X		
Pyrene	X	X	X	X	
1,2-Benzanthracene	X	X	X	X	X
1,2-Benzphenanthrene	X	X	X	X	X
Benzo(a)pyrene	X	X	X	X	X
Benzo(G,H,I)Perylene	X	X	X	X	
Indeno(1,2,3-CD)Pyrene	X	X	X	X	
Benzo(B)fluoranthene	X	X	X	X	X
Dibenzo(A,H)pyrene	X	X	X	X	X
Benzo(J)fluoranthene	X	X	X	X	X
Benzo(K)fluoranthene	X	X	X	X	
Dibenzo(A,E)pyrene	X	X	X	X	X
Dibenzo(A,I)pyrene	X	X	X	X	X
Dibenz(A,H)anthracene	X	X	X	X	X
Naphthalene	X	X	X	X	X
5-Methylchrysene	X		X	X	

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
D2A Very toxic materials

16. OTHER INFORMATION

Revision Date 16-Apr-2007

Revision Summary Not available

Disclaimer
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS

SAFETY DATA SHEET

Institute for Reference Materials and Measurements

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

BCR-050: benzo[e]pyrene

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: BCR-050: benzo[e]pyrene

CAS number	192-97-2
EC index number	601-049-00-6
EINECS number	205-892-7
RTECS number	DJ4200000
Molecular mass	252.32 g/mol
Formula	C20H12

1.2 Use of the substance/preparation:

Certified reference material for laboratory use only

1.3 Company/undertaking identification:

Institute for Reference Materials and Measurements
Retieseweg
B-2440 Geel
Tel: +32 14 57 12 11
Fax: +32 14 59 04 06
JRC-IRMM-RM-Sales@ec.europa.eu

1.4 Emergency telephone:

Poison Centre: +32 70 245 245

2. Hazards identification

NFPA: 1-1-2(*)

DSD/DPD

May cause cancer

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Other hazards

Its dust is explosive with air

Dust cloud can be ignited by a spark

Slightly irritant to skin

Slightly irritant to eyes

Caution! Substance is absorbed through the skin

Highly bioaccumulative

Not readily biodegradable in water

CLP

Carc. 1B	May cause cancer. (H350)
Aquatic Acute 1	Very toxic to aquatic life. (H400)
Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects. (H410)

Other hazards

Its dust is explosive with air

Dust cloud can be ignited by a spark

Slightly irritant to skin

Slightly irritant to eyes

Caution! Substance is absorbed through the skin

Highly bioaccumulative

Not readily biodegradable in water

3. Composition/information on ingredients

BCR-050: benzo[e]pyrene

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
benzo[e]pyrene	192-97-2 205-892-7		Carc. Cat. 2; R45 N; R50-53	Carc. 1B; H350 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air

Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Rinse with water

Soap may be used

Do not apply (chemical) neutralizing agents

Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water

Do not apply neutralizing agents

Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water

Immediately after ingestion: give lots of water to drink

Do not induce vomiting

Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Water spray

Alcohol-resistant foam

Polymer foam

ABC powder

Carbon dioxide

5.2 Unsuitable extinguishing media:

5.3 Special exposure hazards:

Heating increases the fire hazard

Dust cloud can be ignited by a spark

Upon combustion CO and CO2 are formed

5.4 Instructions:

Take account of toxic fire-fighting water

Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

Gloves

Protective clothing

Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

Dam up the solid spill

Prevent soil and water pollution

Prevent spreading in sewers

See heading 13

6.3 Methods for cleaning up:

Scoop solid spill into closing containers
Carefully collect the spill/leftovers
Spill must not return in its original container
Clean contaminated surfaces with an excess of water
Take collected spill to manufacturer/competent authority
Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

Avoid raising dust
Warning! Avoid exposure
Keep away from naked flames/heat
Obtain special instructions before use
Observe strict hygiene
Keep container tightly closed
Do not discharge the waste into the drain

7.2 Storage:

Safe storage requirements:

Store in a dry area
Store in a dark area
Store at room temperature
Keep out of direct sunlight
Keep container in a well-ventilated place
Keep locked up
Unauthorized persons are not admitted
Meet the legal requirements

Keep away from:

oxidizing agents
(strong) acids

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
Benzo(e)pyrene	OSHA	CSI		
Benzo(e)pyrene (Polynuclear aromatic hydrocarbons)	NIOSH	5515	adsorption tubes	
Benzo(e)pyrene (Polynuclear aromatic hydrocarbons)	NIOSH	5506	adsorption tubes	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Measure the concentration in the air regularly
Carry operations in the open/under local exhaust/ventilation or with respiratory protection
Personal protective equipment:

a) Respiratory protection:

Dust production: dust mask with filter type P3

b) Hand protection:

Gloves

c) Eye protection:

Safety glasses
In case of dust production: protective goggles

d) Skin protection:

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Crystalline solid
Odour	Odourless
Colour	Light yellow

9.2 Important health, safety and environmental information:

Boiling point	(13) 311 °C
Solubility in water	< 0.00001 g/100 ml
Solubility in solvents	Soluble in ether
	Soluble in acetone
Log Pow	6.30

9.3 Other information:

Melting point	179 °C

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

ignition sources

Stability

Unstable on exposure to light

Unstable on exposure to air

Reactions

Decomposes slowly on exposure to air and on exposure to UV light

Reacts violently with (strong) oxidizers

Decomposes on exposure to (strong) acids

10.2 Materials to avoid:

oxidizing agents

(strong) acids

10.3 Hazardous decomposition products:

Upon combustion CO and CO2 are formed

11. Toxicological information

11.1 Acute toxicity:

No (test)data available.

11.2 Chronic toxicity:

Probably human carcinogenic

Not listed in mutagenicity class (EC,MAK)

Not classified as toxic to reproduction (EC)

BCR-050: benzo[e]pyrene

EC carc cat	2
Listed in SZW - List of carcinogenic substances	yes
IARC - classification	3
MAK - Krebserzeugend Kategorie	2
MAK - Schwangerschaft Gruppe	-
CLP carc cat	category 1B

11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

Slight irritation

Photoallergy

Eye contact:

Slight irritation

Ingestion:

No data available

11.4 Chronic effects:

No effects known

12. Ecological information

12.1 Ecotoxicity:

No (test)data available.

12.2 Mobility:

Volatile organic compounds (VOC)	0 %
Solubility in/reaction with water	Insoluble in water
Water physicochemical processes	Forming sediments in water

12.3 Persistence and degradability:

Half-life soil	> 292 days

Not readily biodegradable in water

12.4 Bioaccumulative potential:

Log Pow	6.30

Highly bioaccumulative

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)

16 05 06* : laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

Depending on branch of industry and production process, also other EURAL codes may be applicable

Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Specific preliminary treatment

Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery

Remove waste in accordance with local and/or national regulations

Do not discharge into surface water (2000/60/EC, Council decision 2455/2001/EC, O.J. L331 of 15/12/2001)

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)

15 01 10* : packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADR	benzo[e]pyrene
UN number	3077
Class	9
Packing group	III
Hazard identification number	90

Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

RID

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name RID	benzo[e]pyrene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

ADNR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADNR	benzo[e]pyrene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

IMO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name IMO	benzo[e]pyrene
UN number	3077
Class	9
Packing group	III
Labels	9
Marine pollutant	P
Environmentally hazardous substance mark	yes

ICAO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ICAO	benzo[e]pyrene
UN number	3077
Class	9
Packing group	III
Labels	9
Environmentally hazardous substance mark	yes

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Enumerated in substance list Annex I of directive 67/548/EEC et sequens

Dangerous for the environment

R-phrases

45	May cause cancer
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases

53	Avoid exposure - obtain special instructions before use
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
60	This material and its container must be disposed of as hazardous waste
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Additional recommendations

	Restricted to professional users.

CLP

Classification and labelling according to Regulation (EC) No 1272/2008 – Annex VI and after evaluation of available test data

Signal word

Dgr	Danger

H-statements

H350	May cause cancer.
H410	Very toxic to aquatic life with long lasting effects.

P-statements

P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P273	Avoid release to the environment.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P405	Store locked up.

Supplemental information

	Restricted to professional users.

15.2 National provisions:

15.3 Specific community rules:

Enumerated in Annex XVII of Regulation (EC) No. 1907/2006: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Legislation	Reference legislation
EG/552/2009	See column 1: 28.
EG/552/2009	See column 1: 50. b)

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R45	May cause cancer
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:

H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Carc.	Carcinogenicity

SAFETY DATA SHEET

Institute for Reference Materials and Measurements

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

BCR-271: benzo[a]anthracene

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: BCR-271: benzo[a]anthracene

CAS number	56-55-3
EC index number	601-033-00-9
EINECS number	200-280-6
RTECS number	CV9275000
Molecular mass	228.30 g/mol
Formula	C18H12

1.2 Use of the substance/preparation:

Certified reference material for laboratory use only

1.3 Company/undertaking identification:

Institute for Reference Materials and Measurements
Retieseweg
B-2440 Geel
Tel: +32 14 57 12 11
Fax: +32 14 59 04 06
JRC-IRMM-RM-Sales@ec.europa.eu

1.4 Emergency telephone:

Poison Centre: +32 70 245 245

2. Hazards identification

NFPA: 1-1-2(*)

DSD/DPD

May cause cancer

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Other hazards

Its dust is explosive with air

Dust cloud can be ignited by a spark

Slightly irritant to skin

Slightly irritant to eyes

Caution! Substance is absorbed through the skin

No certainty about human mutagenic properties

Highly bioaccumulative

Not readily biodegradable in water

CLP

Carc. 1B	May cause cancer. (H350)
Aquatic Acute 1	Very toxic to aquatic life. (H400)
Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects. (H410)

Other hazards

Its dust is explosive with air

Dust cloud can be ignited by a spark

Slightly irritant to skin

Slightly irritant to eyes

Caution! Substance is absorbed through the skin

No certainty about human mutagenic properties

Highly bioaccumulative

Not readily biodegradable in water

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
benz[a]anthracene	56-55-3 200-280-6		Carc. Cat. 2; R45 N; R50-53	Carc. 1B; H350 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air

Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Rinse with water

Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water

Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water

Immediately after ingestion: give lots of water to drink

Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Water spray

Alcohol-resistant foam

Polymer foam

ABC powder

Carbon dioxide

5.2 Unsuitable extinguishing media:

Solid water jet ineffective as extinguishing medium

5.3 Special exposure hazards:

Heating increases the fire hazard

Dust cloud can be ignited by a spark

Upon combustion CO and CO2 are formed

5.4 Instructions:

Take account of toxic fire-fighting water

Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

Gloves

Protective clothing

Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

Dam up the solid spill

Prevent soil and water pollution

Prevent spreading in sewers

See heading 13

6.3 Methods for cleaning up:

Scoop solid spill into closing containers
Carefully collect the spill/leftovers
Clean contaminated surfaces with an excess of water
Take collected spill to manufacturer/competent authority
Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

Avoid raising dust
Warning! Avoid exposure
Keep away from naked flames/heat
Obtain special instructions before use
Observe strict hygiene
Keep container tightly closed
Do not discharge the waste into the drain

7.2 Storage:

Safe storage requirements:

Store in a cool area
Store in a dry area
Store in a dark area
Keep container in a well-ventilated place
Keep locked up
Unauthorized persons are not admitted
Meet the legal requirements

Keep away from:

oxidizing agents
(strong) acids

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

TLV (USA)

Benz(a)anthracene	Short time value	- ppm
	Time-weighted average exposure limit	- ppm

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
Benz(a)Anthracene	OSHA	CSI		
Benz(a)Anthracene (Polynuclear aromatic hydrocarbons)	NIOSH	5506	adsorption tubes	
Benz(a)Anthracene (Polynuclear aromatic hydrocarbons)	NIOSH	5515	adsorption tubes	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Measure the concentration in the air regularly
Carry operations in the open/under local exhaust/ventilation or with respiratory protection
Personal protective equipment:

a) Respiratory protection:

Dust production: dust mask with filter type P3

b) Hand protection:

Gloves

c) Eye protection:

Safety glasses
In case of dust production: protective goggles
d) Skin protection:
Protective clothing
8.2.2 Environmental exposure controls:
See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Crystalline solid
	Scales
Odour	Odourless
Colour	Fluorescent yellow-green to colourless

9.2 Important health, safety and environmental information:

Boiling point	Not applicable
Vapour pressure (20°C)	0.00007 hPa
Relative density	1.3
Solubility in water	0.00001 g/100 ml
Solubility in solvents	Soluble in ether
	Soluble in acetone
	Soluble in oils/fats
Log Pow	5.61 - 5.79

9.3 Other information:

Melting point	160 °C

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard
heat sources
ignition sources

Stability
Unstable on exposure to light
Unstable on exposure to air

Reactions
Reacts violently with (strong) oxidizers
Decomposes on exposure to (strong) acids

10.2 Materials to avoid:

oxidizing agents
(strong) acids

10.3 Hazardous decomposition products:

Upon combustion CO and CO2 are formed

11. Toxicological information

11.1 Acute toxicity:

No (test)data available.

11.2 Chronic toxicity:

Probably human carcinogenic
Mutagenicity: AMES test positive
No certainty about human mutagenic properties
Not classified as toxic to reproduction (EC)

BCR-271: benzo[a]anthracene

EC carc cat	2
Listed in SZW - List of carcinogenic substances	yes
IARC - classification	2A

TLV - Carcinogen	A2
MAK - Krebserzeugend Kategorie	2
MAK - Keimzellmutagen Kategorie	3A
MAK - Schwangerschaft Gruppe	-
CLP carc cat	category 1B

11.3 Acute effects/symptoms:

Inhalation:
No data available

Skin contact:
Slight irritation

Eye contact:
Slight irritation

Ingestion:
No data available

11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:
No specific information available
SIMILAR PRODUCTS CAUSE FOLLOWING SYMPTOMS:
Feeling of weakness
Photoallergy
Skin rash/inflammation
Cracking of the skin
Skin cancer
Lung tissue affection/degeneration
Enlargement/affection of the liver
Affection of the renal tissue

12. Ecological information

12.1 Ecotoxicity:

BCR-271: benzo[a]anthracene

LC50 fishes

species	value	duration (h)	remarks
PIMEPHALES PROMELAS	0.0018 mg/l	65 h	LETHAL

EC50 Daphnia

species	value	duration (h)	remarks
DAPHNIA PULEX	0.01 mg/l	96 h	STATIC SYSTEM

EC50 other aquatic organisms

species	value	duration (h)	remarks
CYANOPHYTA	0.018 mg/l	336 h	

12.2 Mobility:

Volatile organic compounds (VOC)	0 %
Solubility in/reaction with water	Insoluble in water
	Substance sinks in water
Water physicochemical processes	Forming sediments in water
Soil physicochemical processes	Adsorbs into the soil

12.3 Persistence and degradability:

Water abiotic degradation processes	Photolysis in water
	Ozonation in water
Half-life soil	> 100 days
Not readily biodegradable in water	

12.4 Bioaccumulative potential:

Log Pow	5.61 - 5.79
Highly bioaccumulative	

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)

16 05 06* : laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

Depending on branch of industry and production process, also other EURAL codes may be applicable

Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Dissolve or mix with a combustible solvent

Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery

Remove waste in accordance with local and/or national regulations

Do not discharge into surface water (2000/60/EC, Council decision 2455/2001/EC, O.J. L331 of 15/12/2001)

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)

15 01 10* : packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADR	benzo[a]anthracene
UN number	3077
Class	9
Packing group	III
Hazard identification number	90
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

RID

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name RID	benzo[a]anthracene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

ADNR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADNR	benzo[a]anthracene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

IMO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name IMO	benzo[a]anthracene
UN number	3077
Class	9
Packing group	III
Labels	9
Marine pollutant	P
Environmentally hazardous substance mark	yes

ICAO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ICAO	benzo[a]anthracene
UN number	3077
Class	9
Packing group	III
Labels	9
Environmentally hazardous substance mark	yes

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Labelling according to Directive 2008/58/EC (30th adaptation of Directive 67/548/EEC)

Dangerous for the environment

R-phrases

45	May cause cancer
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases

53	Avoid exposure - obtain special instructions before use
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
60	This material and its container must be disposed of as hazardous waste
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Additional recommendations

	Restricted to professional users.

CLP

Classification and labelling according to Regulation (EC) No 790/2009, 1st adaptation of Regulation (EC) No 1272/2008 – Annex VI and after evaluation of available test data

Signal word

Dgr	Danger

H-statements

H350	May cause cancer.
H410	Very toxic to aquatic life with long lasting effects.

P-statements

P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P273	Avoid release to the environment.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P405	Store locked up.

Supplemental information

	Restricted to professional users.

15.2 National provisions:

15.3 Specific community rules:

Enumerated in Annex XVII of Regulation (EC) No. 1907/2006: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Legislation	Reference legislation
EG/552/2009	See column 1: 28.
EG/552/2009	See column 1: 50. b)

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R45	May cause cancer
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:

H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Carc.	Carcinogenicity

EN

**** MATERIAL SAFETY DATA SHEET ****

Acenaphthylene, tech. 80%

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Acenaphthylene, tech. 80%
Catalog Numbers:
33888-0000, 33888-0010, 33888-0050
Synonyms:

Company Identification (Europe): Acros Organics BVBA
Janssen Pharmaceuticalaan 3a
2440 Geel, Belgium
Company Identification (USA): Acros Organics
One Reagent Lane
Fairlawn, NJ 07410
For information in North America, call: 800-ACROS-01
For information in Europe, call: 0032(0) 14575211
For emergencies in the US, call CHEMTREC: 800-424-9300
For emergencies in Europe, call: 0032(0) 14575299

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%	EINECS#	Haz Symbols	Risk Phrases
208-96-8	Acenaphthylene	80%	205-917-1	|||

Hazard Symbols: XI
Risk Phrases: 36/37/38

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.
Potential Health Effects

Eye:
Causes eye irritation.

Skin:
Causes skin irritation. May be harmful if absorbed through the skin.

Ingestion:
May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation:
Causes respiratory tract irritation. May be harmful if inhaled.

Chronic:
Not available.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes:
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:
Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:
Get medical aid. Wash mouth out with water.

Inhalation:
Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:
Treat symptomatically and supportively.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:
Use water spray, dry chemical, carbon dioxide, or chemical foam.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:
Vacuum or sweep up material and place into a suitable disposal container.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:
Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:
Store in a cool, dry place. Store in a tightly closed container.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes:
Wear chemical goggles.

Skin:
Wear appropriate protective gloves to prevent skin exposure.

Clothing:
Wear appropriate protective clothing to prevent skin exposure.

Respirators:
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State:	Flakes
Color:	yellow
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	280 deg C
Freezing/Melting Point:	88 - 91 deg C
Autoignition Temperature:	Not available.
Flash Point:	Not available.
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	
Solubility in water:	
Specific Gravity/Density:	
Molecular Formula:	C12H8
Molecular Weight:	152.20

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
Stable under normal temperatures and pressures.

Conditions to Avoid:
Incompatible materials.

Incompatibilities with Other Materials:
Strong oxidizing agents.

Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide.

Hazardous Polymerization: May occur.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:
CAS# 208-96-8: AB1254000 AB1254200

LD50/LC50:
CAS# 208-96-8: Oral, mouse: LD50 = 1760 mg/kg.

Carcinogenicity:
Acenaphthylene -
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
See actual entry in RTECS for complete information.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

USA RQ:CAS# 208-96-8: 5000 lb final RQ; 2270 kg final RQ

**** SECTION 15 - REGULATORY INFORMATION ****

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 208-96-8: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 208-96-8 is listed on Canada's NDSL List.

CAS# 208-96-8 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

CAS# 208-96-8: Not available.

US FEDERAL

TSCA

CAS# 208-96-8 is listed on the TSCA inventory.

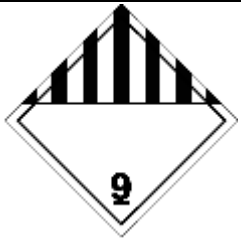
**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 2/03/2000 Revision #0 Date: Original.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

Material Safety Data Sheet

since 1895

NFPA	WHMIS	PPE	Transport Symbol
			

Preparation Date No data available **Revision Date** 16-Apr-2007 **Revision Number** 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Black-Knight™ CTP
Product Code 8344
UN-No UN3077
Contact Manufacturer

The Garland Company, Inc.
3800 East 91st. Street
Cleveland, Ohio 44105-2197
Ph: (800) 762-8225 Fax: (216) 641-0633

Garland Canda, Inc.
1296 Martin Grove Rd.
Toronto, Ontario M9W 4X3
Ph: (416)747-7995 Fax: (416)747-1980

Emergency Telephone Number 1-800-762-8225 (24 Hrs.)

2. HAZARDS IDENTIFICATION

Emergency Overview

Harmful by inhalation, in contact with skin and if swallowed
Harmful in contact with skin
Harmful if swallowed
Harmful by inhalation
Irritating to respiratory system
Irritating to skin
May be harmful if swallowed
May cause irritation of respiratory tract

Appearance Black. **Physical State** Solid. Liquid. **Odor** Aromatic.

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Mexico - Grade Serious risk, Grade 3

Potential Health Effects

Principle Routes of Exposure Skin contact, Inhalation, Ingestion.

Acute Effects

Eyes Avoid contact with eyes. Irritating to eyes.

Skin Avoid contact with skin. Irritating to skin. May cause sensitization by skin contact.

Inhalation Avoid breathing vapors or mists. Irritating to mucous membranes. Inhalation of vapours in high concentration may cause irritation of respiratory system.

Ingestion May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Chronic Effects Prolonged exposure may cause chronic effects.

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Skin disorders. Central nervous system.

Interactions with Other Chemicals Not available

Potential Environmental Effects See Section 12 for additional Ecological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Name	CAS-No	Weight %	North American Hazard Indicator
High Temperature Coal Tar Pitch	65996-93-2	60 - 100	1
Fluoranthene	206-44-0	1 - 5	1
Phenanthrene	85-01-8	1 - 5	1
Pyrene	129-00-0	1 - 5	1
1,2-Benzanthracene	56-55-3	1 - 5	1
1,2-Benzphenanthrene	218-01-9	1 - 5	1
Benzo(a)pyrene	50-32-8	1 - 5	1
Benzo(G,H,I)Perylene	191-24-2	1 - 5	1
Indeno(1,2,3-CD)Pyrene	193-39-5	0.1 - 1	1
Benzo(B)fluoranthene	205-99-2	0.1 - 1	1
Dibenzo(A,H)pyrene	189-64-0	0.1 - 1	1
Benzo(J)fluoranthene	205-82-3	0.1 - 1	1
Benzo(K)fluoranthene	207-08-9	0.1 - 1	1
Dibenzo(A,E)pyrene	192-65-4	0.1 - 1	1
Dibenzo(A,I)pyrene	189-55-9	0.1 - 1	1
Dibenz(A,H)anthracene	53-70-3	0.1 - 1	1
Naphthalene	91-20-3	0.1 - 1	1
5-Methylchrysene	3697-24-3	0.1 - 1	1

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician immediately.

Ingestion Never give anything by mouth to an unconscious person. Drink 1 or 2 glasses of water. Do not induce vomiting. Call a physician or Poison Control Centre immediately.

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Carbon dioxide (CO_2). Foam. Dry powder. Dry chemical.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Hazardous Combustion Products Carbon monoxide, Carbon dioxide (CO_2), Hydrocarbons.

Explosion Data

Sensitivity to mechanical impact No
Sensitivity to static discharge Yes

Specific Hazards Arising from the Chemical
Combustible material. Thermal decomposition can lead to release of irritating gases and vapours.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA **Health** 3 **Flammability** 1 **Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with skin, eyes and clothing. Evacuate personnel to safe areas. Use personal protective equipment. Remove all sources of ignition. Take precautionary measures against static discharges. Ensure adequate ventilation.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Keep out of waterways.

Methods for Containment Dam up

Methods for Cleaning Up Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Keep in suitable and closed containers for disposal.

Other Information Not applicable

7. HANDLING AND STORAGE

Handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation.

Storage Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep at temperatures below 100°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
High Temperature Coal Tar Pitch	TWA: 0.2 mg/m^3	TWA: 0.2 mg/m^3	TWA: 0.2 mg/m^3	STEL: 0.03 mg/m^3 STEL: 0.015 ppm TWA: 0.02 mg/m^3 TWA: 0.002 mg/m^3
Naphthalene	TWA: 10 ppm STEL: 15 ppm Skin	TWA: 50 mg/m^3 TWA: 10 ppm	STEL: 78 mg/m^3 STEL: 15 ppm TWA: 10 ppm TWA: 52 mg/m^3	STEL: 75 mg/m^3 STEL: 15 ppm TWA: 50 mg/m^3 TWA: 10 ppm

Chemical Name	NIOSH IDLH
High Temperature Coal Tar Pitch	80 mg/m^3
Naphthalene	250 ppm

Engineering Measures Ensure adequate ventilation, especially in confined areas. Do not allow ventilation equipment to draw material odors indoors..

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles.
Skin Protection Long sleeved clothing. Boots. Lightweight protective clothing.
Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene Measures
When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Black
Odor Aromatic
Physical State Solid Liquid
pH Not available
Flash Point > 374°F / > 190°C
Method Tag closed cup
Autoignition Temperature 750°F / 399°C
Boiling Point/Range >464°F / 240°C
Freezing Point Not available
Flammability Limits in Air **Lower** Not available **Upper** Not available
Explosive Properties Not available
Oxidizing Properties Not available
Evaporation Rate 0.37 for solvent (ether = 1)
Vapor Pressure <1 mmHg @ 68 °F
Vapor Density <1 @ Air = 1
Specific Gravity 1.3
Solubility Slightly soluble

9. PHYSICAL AND CHEMICAL PROPERTIES

Water Solubility slightly soluble
Volatiles Not available
VOC Content 0 g/l

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Conditions to Avoid Keep away from open flames, hot surfaces and sources of ignition.

Incompatible Materials Strong oxidizing agents.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

Possibility of Hazardous Reactions Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Fluoranthene	2 g/kg Rat	3180 mg/kg Rabbit	
Phenanthrene	700 mg/kg Mouse		
Pyrene	2700 mg/kg Rat		
Naphthalene	490 mg/kg Rat	2500 mg/kg Rat 20 g/kg Rabbit	340 mg/m^3 Rat 1 h

Chronic Toxicity

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
High Temperature Coal Tar Pitch	A1	Group 1	Known	X	A1

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
1,2-Benzanthracene	A2	Group 2A	Reasonably Anticipated	X	
1,2-Benzphenanthrene	A3				
Benzo(a)pyrene	A2	Group 2A	Reasonably Anticipated	X	
Indeno(1,2,3-CD)Pyrene		Group 2B	Reasonably Anticipated	X	
Benzo(B)fluoranthene	A2	Group 2B	Reasonably Anticipated	X	
Dibenzo(A,H)pyrene		Group 2B	Reasonably Anticipated	X	
Benzo(J)fluoranthene		Group 2B	Reasonably Anticipated	X	
Benzo(K)fluoranthene		Group 2B	Reasonably Anticipated	X	
Dibenzo(A,E)pyrene		Group 2B	Reasonably Anticipated	X	
Dibenzo(A,I)pyrene		Group 2B	Reasonably Anticipated	X	
Dibenz(A,H)anthracene		Group 2A	Reasonably Anticipated	X	
Naphthalene		Group 2B	Reasonably Anticipated	X	
5-Methylchrysene		Group 2B	Reasonably Anticipated	X	

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Pyrene

Water Flea Data
water flea EC50=1.8 mg/L (48 h)

1,2-Benzanthracene

Microtox Data
Photobacterium phosphoreum EC50=0.26 mg/L (15 min)
Water Flea Data
water flea EC50=0.01 mg/L (96 h)

1,2-Benzphenanthrene

Water Flea Data
water flea EC50=1.9 mg/L (2 h)

Naphthalene

Freshwater Algae Data
Skeletonema costatum EC50=0.4 mg/L (96 h)
Microtox Data
Photobacterium phosphoreum EC50=0.93 mg/L (30 min)
Pseudomonas putida EC50>20 mg/L (18 h)
Water Flea Data
water flea EC50=2.16 mg/L (48 h)

Persistence/Degradability	Not available
Bioaccumulation/ Accumulation	Not available
Mobility in Environmental Media	Not available

High Temperature Coal Tar Pitch
log Pow = 6.04

Fluoranthene
log Pow = 5.33

Phenanthrene
log Pow = 4.46

Pyrene
log Pow = 4.88

1,2-Benzanthracene
log Pow = 5.61

1,2-Benzphenanthrene
log Pow = 5.61 - 5.91

Benzo(a)pyrene
log Pow = 6.06

Benzo(G,H,I)Perylene
log Pow = 7.23

Indeno(1,2,3-CD)Pyrene
log Pow = 6.584

Benzo(B)fluoranthene
log Pow = 6.57

Benzo(K)fluoranthene
log Pow = 6.84

Dibenz(A,H)anthracene
log Pow = 6.50

Naphthalene
log Pow = 3.3

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

US EPA Waste Number D001

Chemical Name	RCRA
Fluoranthene - 206-44-0	waste number U120

Chemical Name	RCRA
1,2-Benzanthracene - 56-55-3	waste number U018
1,2-Benzphenanthrene - 218-01-9	waste number U050
Benzo(a)pyrene - 50-32-8	waste number U022
Indeno(1,2,3-CD)Pyrene - 193-39-5	waste number U137
Benzo(B)fluoranthene - 205-99-2	(hazardous constituent - no waste number)
Dibenzo(A,H)pyrene - 189-64-0	(hazardous constituent - no waste number)
Benzo(J)fluoranthene - 205-82-3	(hazardous constituent - no waste number)
Benzo(K)fluoranthene - 207-08-9	(hazardous constituent - no waste number)
Dibenzo(A,E)pyrene - 192-65-4	(hazardous constituent - no waste number)
Dibenzo(A,I)pyrene - 189-55-9	waste number U064
Dibenz(A,H)anthracene - 53-70-3	waste number U063
Naphthalene - 91-20-3	waste number U165

14. TRANSPORT INFORMATION

DOT Not Regulated

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
UN-No UN3077
Packing Group III
Reportable Quantity (RQ) Dibenz[a,i]pyrene, RQ kg = 1816 Indeno1,2,3-cdpyrene, RQ kg = 4585.858 Fluoranthene, RQ kg = 1297.143 Chrysene, RQ kg = 3242.857 Benz[a]anthracene, RQ kg = 324.2857 Acenaphthene, RQ kg = 9659.574 Naphthalene, RQ kg = 18916.67
Description Environmentally hazardous substances, solid, n.o.s.(Dibenz[a,i]pyrene,Indeno(1,2,3-cd)pyrene,Fluoranthene,Chrysene,Benz[a]anthracene,Acenaphthene,Naphthalene),9,UN3077,PG III,RQ

TDG Not regulated

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
UN-No UN3077
Packing Group III
Description ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., Class 9,UN3077,PG III

MEX Not regulated

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
UN-No UN3077
Packing Group III
Description UN3077 Environmentally hazardous substance, solid, n.o.s.,9,III

ICAO Not regulated

UN-No UN3077
Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
Packing Group III

14. TRANSPORT INFORMATION

Description Environmentally hazardous substance, solid, n.o.s.*,UN3077,PG III

IATA Not regulated
UN-No UN3077
Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
Packing Group III
ERG Code 9L
Description Environmentally hazardous substance, solid, n.o.s.*,UN3077,PG III

IMDG/IMO Not regulated
Proper Shipping Name Environmentally hazardous substance, solid, n.o.s
Hazard Class 9
Subsidiary Class
UN-No UN3077
Packing Group III
EmS No. F-A, S-F
Description Environmentally hazardous substance, solid, n.o.s.,UN3077,PG III

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
High Temperature Coal Tar Pitch	X	X	-	X	-	X	X	X	X	X
Fluoranthene	X	-	X	X	-	X	X	-	-	X
Phenanthrene	X	X	-	X	-	X	X	X	X	X
Pyrene	X	X	-	X	-	X	X	-	X	X
1,2-Benzanthracene	X	-	X	X	-	-	X	-	-	-
1,2-Benzphenanthrene	X	X	-	X	-	-	-	X	-	X
Benzo(a)pyrene	X	X	-	X	-	-	X	X	X	-
Benzo(G,H,I)Perylene	-	-	-	X	-	-	-	-	-	-
Indeno(1,2,3-CD)Pyrene	X	-	X	X	-	-	-	-	-	-
Benzo(B)fluoranthene	-	-	-	X	-	-	-	-	-	-
Dibenzo(A,H)pyrene	-	-	-	X	-	-	-	-	-	-
Benzo(J)fluoranthene	-	-	-	X	-	-	-	-	-	-
Benzo(K)fluoranthene	-	-	-	X	-	-	-	-	-	-
Dibenzo(A,E)pyrene	-	-	-	X	-	-	-	-	-	-
Dibenzo(A,I)pyrene	-	-	-	X	-	-	-	-	-	-
Dibenz(A,H)anthracene	X	-	X	X	-	-	X	-	-	-
Naphthalene	X	X	-	X	-	X	X	X	X	X
5-Methylchrysene	-	-	-	-	-	-	-	-	-	-

TSCA Does not Comply
DSL Does not Comply
NDSL Does not Comply
EINECS Does not Comply
ELINCS Does not Comply
ENCS Does not Comply
CHINA Does not Comply
KECL Does not Comply

PICCS Does not Comply
AICS Does not Comply

USA

Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values
Fluoranthene (CAS #: 206-44-0)	1.0%
Phenanthrene (CAS #: 85-01-8)	1.0%
1,2-Benzanthracene (CAS #: 56-55-3)	0.1%
1,2-Benzphenanthrene (CAS #: 218-01-9)	0.1%
Benzo(a)pyrene (CAS #: 50-32-8)	0.1%
Benzo(G,H,I)Perylene (CAS #: 191-24-2)	1.0%
Indeno(1,2,3-CD)Pyrene (CAS #: 193-39-5)	0.1%
Benzo(B)fluoranthene (CAS #: 205-99-2)	0.1%
Dibenzo(A,H)pyrene (CAS #: 189-64-0)	0.1%
Benzo(J)fluoranthene (CAS #: 205-82-3)	0.1%
Benzo(K)fluoranthene (CAS #: 207-08-9)	0.1%
Dibenzo(A,E)pyrene (CAS #: 192-65-4)	0.1%
Dibenzo(A,I)pyrene (CAS #: 189-55-9)	0.1%
Dibenz(A,H)anthracene (CAS #: 53-70-3)	0.1%
Naphthalene (CAS #: 91-20-3)	0.1%
5-Methylchrysene (CAS #: 3697-24-3)	0.1%

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any HAPs.

Chemical Name
Naphthalene (CAS #: 91-20-3)

State Regulations

California Proposition 65
WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

Chemical Name	CAS-No	Category	Type
1,2-Benzanthracene	56-55-3	Carcinogen	
1,2-Benzphenanthrene	218-01-9	Carcinogen	
Benzo(a)pyrene	50-32-8	Carcinogen	
Indeno(1,2,3-CD)Pyrene	193-39-5	Carcinogen	
Benzo(B)fluoranthene	205-99-2	Carcinogen	
Dibenzo(A,H)pyrene	189-64-0	Carcinogen	
Benzo(J)fluoranthene	205-82-3	Carcinogen	
Benzo(K)fluoranthene	207-08-9	Carcinogen	
Dibenzo(A,E)pyrene	192-65-4	Carcinogen	
Dibenzo(A,I)pyrene	189-55-9	Carcinogen	
Dibenz(A,H)anthracene	53-70-3	Carcinogen	
Naphthalene	91-20-3	Carcinogen	

Chemical Name	CAS-No	Category	Type
5-Methylchrysene	3697-24-3	Carcinogen	

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
High Temperature Coal Tar Pitch	X	X	X	X	
Fluoranthene	X	X	X		
Phenanthrene	X	X	X		
Pyrene	X	X	X	X	
1,2-Benzanthracene	X	X	X	X	X
1,2-Benzphenanthrene	X	X	X	X	X
Benzo(a)pyrene	X	X	X	X	X
Benzo(G,H,I)Perylene	X	X	X	X	
Indeno(1,2,3-CD)Pyrene	X	X	X	X	
Benzo(B)fluoranthene	X	X	X	X	X
Dibenzo(A,H)pyrene	X	X	X	X	X
Benzo(J)fluoranthene	X	X	X	X	X
Benzo(K)fluoranthene	X	X	X	X	
Dibenzo(A,E)pyrene	X	X	X	X	X
Dibenzo(A,I)pyrene	X	X	X	X	X
Dibenz(A,H)anthracene	X	X	X	X	X
Naphthalene	X	X	X	X	X
5-Methylchrysene	X		X	X	

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
D2A Very toxic materials

16. OTHER INFORMATION

Revision Date 16-Apr-2007

Revision Summary Not available

Disclaimer
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS

4,4'-DDT

sc-238975

Material Safety Data Sheet

Hazard Alert Code Key:	EXTREME	HIGH	MODERATE	LOW

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
4,4'-DDT

STATEMENT OF HAZARDOUS NATURE
CONSIDERED A HAZARDOUS SUBSTANCE ACCORDING TO OSHA 29 CFR 1910.1200.

NFPA

SUPPLIER
Company: Santa Cruz Biotechnology, Inc.
Address:
2145 Delaware Ave
Santa Cruz, CA 95060
Telephone: 800.457.3801 or 831.457.3800
Emergency Tel: CHEMWATCH: From within the US and Canada: 877-715-9305
Emergency Tel: From outside the US and Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

PRODUCT USE
Insecticide for tobacco and cotton, pesticide (tussock moth). Intermediate

SYNONYMS
C14-H9-Cl5, "1, 1' -(2, 2, 2-trichloroethylidene) bis [4-chlorobenzene]", "1, 1' -(2, 2, 2-trichloroethylidene) bis [4-chlorobenzene]", "1, 1, 1-trichloro-2, 2-bis(p-chlorophenyl)ethane", "1, 1, 1-trichloro-2, 2-bis(p-chlorophenyl)ethane", "ethane, 1, 1, 1-trichloro-2, 2-bis(p-chlorophenyl)", "ethane, 1, 1, 1-trichloro-2, 2-bis(p-chlorophenyl)", "benzene, 1, 1' -(, 2, 2-trichloroethylidene)bis(4-chloro)-", "benzene, 1, 1' -(, 2, 2-trichloroethylidene)bis(4-chloro)-", "alpha, alpha-bis(p-chlorophenyl)-beta, beta, beta-trichloroethane", "1, 1-bis-(p-chlorophenyl)-2, 2, 2-trichloroethane", "1, 1-bis-(p-chlorophenyl)-2, 2, 2-trichloroethane", "2, 2-bis(p-chlorophenyl)-1, 1, 1-trichloroethane", "2, 2-bis(p-chlorophenyl)-1, 1, 1-trichloroethane", "p, p' -DDT", "p, p' -DDT", "diphenyl trichloroethane", dichlorodiphenyltrichloroethane, "p, p-dichlorodiphenyltrichloroethane", "p, p-dichlorodiphenyltrichloroethane", "4, 4' -dichlorodiphenyltrichloroethane", "4, 4' -dichlorodiphenyltrichloroethane", Agritan, Anofex, Arkotine, Azotox, "Bosan supra", Bovidermal, Chlorophenothane, Chlorophenotoxum, Citox, Clofenotane, Dedelo, Deoval, Ditoxan, Dibovan, Dicophane, Didigam, Didimac, Dodat, Dykol, Estonate, Genitox, Gesafid, Gesapon, Gesarex, Gesarol, Guesapon, Guesarol, Gyron, Havero-extra, Hildit, Ivoran, Ixodex, Kopsal, Mutoxin, Neocid, OMS-16, Parachlorodicum, Peb1, Pentachlorin, Zeidane, Zerdane, insecticide

Section 2 - HAZARDS IDENTIFICATION

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW
RISK
Limited evidence of a carcinogenic effect.

Toxic: danger of serious damage to health by prolonged exposure if swallowed.
Toxic in contact with skin and if swallowed.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

■ Toxic effects may result from the accidental ingestion of the material; animal experiments indicate that ingestion of less than 40 gram may be fatal or may produce serious damage to the health of the individual.
■ Organochlorine pesticides excite the central nervous system, causing shortness of breath, cough, narrowing of airways and throat spasms. In the muscles it can cause twitches, spastic movements and seizures. Headache, dizziness and confusion may result as well as a feeling of warmth. Other symptoms include nausea, vomiting, diarrhea and difficulty in urination. There may be alterations in blood pressure or irregularities in heart rhythm. Delayed poisoning may occur after 30 minutes to several hours. Symptoms may include diarrhea, stomach pain, headache, dizziness, inco-ordination, "pins and needles", restlessness, irritability, confusion and tremors, progressing to stupor, coma and epilepsy-like or spastic seizures with frothing at the mouth, a contorted face, violent convulsions and limb stiffness. Tremors may spread from the face to the torso and limbs. Severe poisoning may cause continuous convulsion, fever, unconsciousness, labored breathing, rapid heartbeat and general depression; this is followed by lack of oxygen, collapse of breathing, and death. Kidney damage and inflammation and anemia has also been reported.
■ Earliest symptom of exposure to DDT is a prickling or tingling sensation in the mouth, tongue and lower face. This is followed by dizziness, abdominal pain, headache, nausea, vomiting, diarrhoea, mental confusion, a sense of apprehension, weakness, loss of muscle control and tremors. Higher exposures can cause severe convulsions followed by death.
Symptoms may occur within 30 minutes to 6 hours after exposure, depending upon the severity of the exposure. DDT and its analogues may cause gastrointestinal effects.

EYE

■ Although the material is not thought to be an irritant, direct contact with the eye may cause transient discomfort characterized by tearing or conjunctival redness (as with windburn). Slight abrasive damage may also result. The material may produce foreign body irritation in certain individuals.

SKIN

■ Skin contact with the material may produce toxic effects; systemic effectsmay result following absorption.
■ The material is not thought to be a skin irritant (as classified using animal models). Abrasive damage however, may result from prolonged exposures. Good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
■ Open cuts, abraded or irritated skin should not be exposed to this material.
■ Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

INHALED

■ The material is not thought to produce respiratory irritation (as classified using animal models). Nevertheless inhalation of dusts, or fume, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress.
■ Inhalation of dusts, generated by the material during the course of normal handling, may be damaging to the health of the individual.
■ Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled.

CHRONIC HEALTH EFFECTS

■ There has been concern that this material can cause cancer or mutations, but there is not enough data to make an assessment.
There is some evidence to provide a presumption that human exposure to the material may result in impaired fertility on the basis of: some evidence in animal studies of impaired fertility in the absence of toxic effects, or evidence of impaired fertility occurring at around the same dose levels as other toxic effects but which is not a secondary non-specific consequence of other toxic effects.
The following chronic health effects can occur some time after exposure to DDT and can last for months or years. There is some evidence that it causes cancer in humans and it has been shown to cause liver cancer in animals.
DDT may damage the liver and kidneys, damage the developing fetus and decrease fertility in males and females, and cause central nervous system degeneration.
High doses of o,p'-DDT fed to immature female rats exert clear oestrogenic effects. Males fed 1 ppm o,p'-DDT from birth had significantly heavier bodies, testes and seminal vesicles at day 112. In a another study adult male rats treated with o,p'-DDT showed decreased corticosterone formed from progesterone in the adrenals and lowered unchanged progesterone. In brain metabolism, treatment with o,p'-DDT increased dihydrotestosterone from testosterone while androstenediol decreased. The authors concluded that the effects of o,p'-DDT administration are a decrease in plasma testosterone and in androgen biosynthesis, and an increase in plasma oestradiol.
Exposure to organochlorine pesticides for long periods can cause multiple nervous system infections and disorders involving the brain and autonomic nerves with headache, dizziness, "pins and needles", tremor in the limbs, disturbances in nerves supplying blood vessels, pain in the bowel and stiffening of the bile duct, rapid heartbeat, hollow heart sounds and a tight pain in the chest. There can be blood problems with loss of platelets and white blood cells, change in blood cell distribution, anemia, loss of appetite and weight. There may be disturbed behavior. Some organochlorines may have female sex hormone-like effects, causing withering of the testicles, reduced fertility and disturbed sexual activity.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARD RATINGS

		Min	Max
Flammability:	1		

Toxicity:	3	
Body Contact:	3	
Reactivity:	1	
Chronic:	3	

Min/Nil=0
Low=1
Moderate=2
High=3
Extreme=4

NAME	CAS RN	%
DDT	50-29-3	>99
(dichlorodiphenyltrichloroethane)		

Section 4 - FIRST AID MEASURES

SWALLOWED

■

- Give a slurry of activated charcoal in water to drink. NEVER GIVE AN UNCONSCIOUS PATIENT WATER TO DRINK.
- At least 3 tablespoons in a glass of water should be given.
- Although induction of vomiting may be recommended (IN CONSCIOUS PERSONS ONLY), such a first aid measure is dissuaded because to the risk of aspiration of stomach contents. (i) It is better to take the patient to a doctor who can decide on the necessity and method of emptying the stomach. (ii) Special circumstances may however exist; these include non- availability of charcoal and the ready availability of the doctor.

NOTE: If vomiting is induced, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. NOTE: Wear protective gloves when inducing vomiting.

- REFER FOR MEDICAL ATTENTION WITHOUT DELAY.
- In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition.
- If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the MSDS should be provided. Further action will be the responsibility of the medical specialist.
- If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the MSDS.

(ICSC20305/20307).

EYE

■ If this product comes in contact with the eyes:

- Immediately hold eyelids apart and flush the eye continuously with running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Continue flushing until advised to stop by the Poisons Information Center or a doctor, or for at least 15 minutes.
- Transport to hospital or doctor without delay.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

■ If skin or hair contact occurs:

- Quickly but gently, wipe material off skin with a dry, clean cloth.
- Immediately remove all contaminated clothing, including footwear.
- Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Center.
- Transport to hospital, or doctor.

INHALED

■

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.

NOTES TO PHYSICIAN

■ Organochlorines are well absorbed from the lungs, gastrointestinal tract and skin.

- Intoxication from acute oral exposures generally begins within 45 minutes to several hours.
- Diazepam is the anticonvulsant of choice. [Phenobarbitone, sodium phenobarbitone or in repeated convulsions sodium pentothal (2.5% solution) may also be given - calcium gluconate may also be helpful] (Manufacturers; David Gray and Hoechst)
- Usual methods of decontamination (Ipecac / lavage / charcoal / cathartics) are recommended within the first several hours following exposure.
- Dialysis, diuresis and hemoperfusion are ineffective because of extensive tissue binding and large volumes of distribution.
- There is no antidote.

[Ellenhorn and Barceloux: Medical Toxicology].

Section 5 - FIRE FIGHTING MEASURES

Vapour Pressure (mmHG):	Not applicable
Upper Explosive Limit (%):	Not Available
Specific Gravity (water=1):	Not available
Lower Explosive Limit (%):	Not Available

EXTINGUISHING MEDIA

■

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.
- Water spray or fog - Large fires only.

FIRE FIGHTING

■

- Alert Emergency Responders and tell them location and nature of hazard.
- Wear full body protective clothing with breathing apparatus.
- Prevent, by any means available, spillage from entering drains or water course.
- Use fire fighting procedures suitable for surrounding area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

GENERAL FIRE HAZARDS/HAZARDOUS COMBUSTIBLE PRODUCTS

■

- Combustible solid which burns but propagates flame with difficulty.
- Avoid generating dust, particularly clouds of dust in a confined or unventilated space as dusts may form an explosive mixture with air, and any source of ignition, i.e. flame or spark, will cause fire or explosion. Dust clouds generated by the fine grinding of the solid are a particular hazard; accumulations of fine dust may burn rapidly and fiercely if ignited.
- Dry dust can be charged electrostatically by turbulence, pneumatic transport, pouring, in exhaust ducts and during transport.
- Build-up of electrostatic charge may be prevented by bonding and grounding.
- Powder handling equipment such as dust collectors, dryers and mills may require additional protection measures such as explosion venting.

Combustion products include: carbon monoxide (CO), carbon dioxide (CO_2), hydrogen chloride, phosgene, other pyrolysis products typical of burning organic material.
May emit poisonous fumes.

FIRE INCOMPATIBILITY

■ Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids,chlorine bleaches, pool chlorine etc. as ignition may result.

PERSONAL PROTECTION

Glasses:
Chemical goggles.
Gloves:
Respirator:
Particulate

Section 6 - ACCIDENTAL RELEASE MEASURES

MINOR SPILLS

■

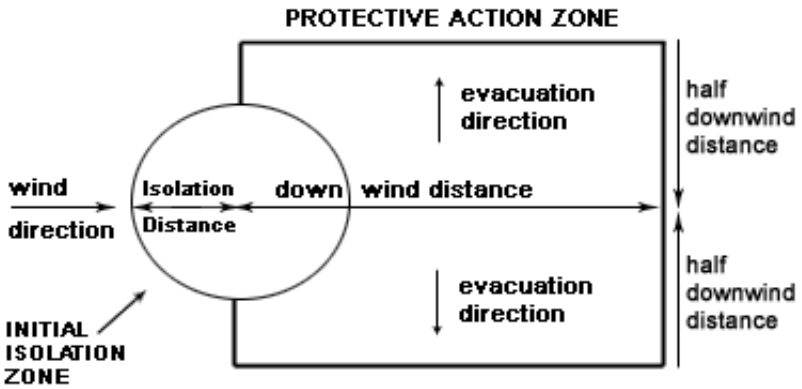
- Clean up waste regularly and abnormal spills immediately.
- Avoid breathing dust and contact with skin and eyes.
- Wear protective clothing, gloves, safety glasses and dust respirator.
- Use dry clean up procedures and avoid generating dust.
- Vacuum up or sweep up. NOTE: Vacuum cleaner must be fitted with an exhaust micro filter (HEPA type) (consider explosion-proof machines designed to be grounded during storage and use).
- Dampen with water to prevent dusting before sweeping.
- Place in suitable containers for disposal.

MAJOR SPILLS

■

- Clear area of personnel and move upwind.
- Alert Emergency Responders and tell them location and nature of hazard.
- Wear full body protective clothing with breathing apparatus.
- Prevent, by any means available, spillage from entering drains or water course.
- Stop leak if safe to do so.
- Contain spill with sand, earth or vermiculite.
- Collect recoverable product into labeled containers for recycling.
- Neutralize/decontaminate residue.
- Collect solid residues and seal in labeled drums for disposal.
- Wash area and prevent runoff into drains.
- After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using.
- If contamination of drains or waterways occurs, advise emergency services.

PROTECTIVE ACTIONS FOR SPILL



From IERG (Canada/Australia)	
Isolation Distance	25 meters
Downwind Protection Distance	250 meters

FOOTNOTES

1 PROTECTIVE ACTION ZONE is defined as the area in which people are at risk of harmful exposure. This zone assumes that random changes in wind direction confines the vapour plume to an area within 30 degrees on either side of the predominant wind direction, resulting in a crosswind protective action distance equal to the downwind protective action distance.
2 PROTECTIVE ACTIONS should be initiated to the extent possible, beginning with those closest to the spill and working away from the site in the downwind direction. Within the protective action zone a level of vapour concentration may exist resulting in nearly all unprotected persons becoming incapacitated and unable to take protective action and/or incurring serious or irreversible health effects.
3 INITIAL ISOLATION ZONE is determined as an area, including upwind of the incident, within which a high probability of localised wind reversal may expose nearly all persons without appropriate protection to life-threatening concentrations of the material.
4 SMALL SPILLS involve a leaking package of 200 litres (55 US gallons) or less, such as a drum (jerrican or box with inner containers). Larger packages leaking less than 200 litres and compressed gas leaking from a small cylinder are also considered "small spills". LARGE SPILLS involve many small leaking packages or a leaking package of greater than 200 litres, such as a cargo tank, portable tank or a "one-tonne" compressed gas cylinder.
5 Guide 151 is taken from the US DOT emergency response guide book.
6 IERG information is derived from CANUTEC - Transport Canada.

ACUTE EXPOSURE GUIDELINE LEVELS (AEGL) (in ppm)

AEGL 1: The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic nonsensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.
AEGL 2: The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.
AEGL 3: The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience life-threatening health effects or death.

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING

■

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.
- DO NOT enter confined spaces until atmosphere has been checked.
- DO NOT allow material to contact humans, exposed food or food utensils.
- Avoid contact with incompatible materials.
- When handling, DO NOT eat, drink or smoke.
- Keep containers securely sealed when not in use.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Launder contaminated clothing before re-use.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.
- Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

Empty containers may contain residual dust which has the potential to accumulate following settling. Such dusts may explode in the presence of an appropriate ignition source.

- Do NOT cut, drill, grind or weld such containers
- In addition ensure such activity is not performed near full, partially empty or empty containers without appropriate workplace safety authorisation or permit.

RECOMMENDED STORAGE METHODS

■

- Lined metal can, Lined metal pail/drum
- Plastic pail
- Polyliner drum
- Packing as recommended by manufacturer.
- Check all containers are clearly labeled and free from leaks.

For low viscosity materials

- Drums and jerricans must be of the non-removable head type.
- Where a can is to be used as an inner package, the can must have a screwed enclosure.

For materials with a viscosity of at least 2680 cSt. (23 deg. C) and solids (between 15 C deg. and 40 deg C.):

- Removable head packaging;
- Cans with friction closures and
- low pressure tubes and cartridges may be used.

- Where combination packages are used, and the inner packages are of glass, there must be sufficient inert cushioning material in contact with inner and outer packages * . - In addition, where inner packagings are glass and contain liquids of packing group I and II there must be sufficient inert absorbent to absorb any spillage *. - * unless the outer packaging is a close fitting molded plastic box and the substances are not incompatible with the plastic.

STORAGE REQUIREMENTS

■

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storing and handling recommendations.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

X X + X X +

X: Must not be stored together
O: May be stored together with specific preventions
+: May be stored together

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m³	STEL ppm	STEL mg/m³	Peak ppm	Peak mg/m³	TWA F/CC	Notes
US - California Permissible Exposure Limits for Chemical Contaminants	DDT (DDT; 1,1,1-trichloro-2,2-bis-(p-chlorophenyl)ethane)		1						
Canada - Ontario Occupational Exposure Limits	DDT (1,1,1-Trichloro-2,2-bis-(p-chlorophenyl)ethane)		1						
US - Minnesota Permissible Exposure Limits (PELs)	DDT (Dichlorodiphenyltrichloroethane (DDT))		1						
US - Idaho - Limits for Air Contaminants	DDT (Dichlorodiphenyltrichloroethane (DDT))		1						
US - Vermont Permissible Exposure Limits Table Z-1-A Final Rule Limits for Air Contaminants	DDT (Dichlorodiphenyltri-chloroethane (DDT))		1						
US - Tennessee Occupational Exposure Limits - Limits For Air Contaminants	DDT (Dichlorodiphenyltrichloroethane (DDT))		1						
US - Vermont Permissible Exposure Limits Table Z-1-A Transitional Limits for Air Contaminants	DDT (Dichlorodiphenyltri-chloroethane (DDT))		1						
US - Alaska Limits for Air Contaminants	DDT (Dichlorodiphenyl-trichloroethane (DDT))		1						
US - Michigan Exposure Limits for Air Contaminants	DDT (Dichlorodiphenyltri-chloroethane(DDT))		1						
US - Hawaii Air Contaminant Limits	DDT (DDT (Dichlorodiphenyl-trichloroethane))		1		3				
Canada - Yukon Permissible Concentrations for Airborne Contaminant Substances	DDT (DDT (Dichlorodiphenyl-trichloroethane))	-	1	-	3				
US - Washington Permissible exposure limits of air contaminants	DDT (DDT (Dichlorodiphenyltri-chloroethane))		1		3				
Canada - Northwest Territories									

Canada - Northwest Territories Occupational Exposure Limits (English)	DDT (DDT (Dichlorodiphenyltrichloroethane))	1	3	
US ACGIH Threshold Limit Values (TLV)	DDT (DDT [Dichlorodiphenyltrichloroethane])	1		TLV Basis: liver damage
US NIOSH Recommended Exposure Limits (RELs)	DDT	0.5		
US OSHA Permissible Exposure Levels (PELs) - Table Z1	DDT (Dichlorodiphenyltrichloroethane (DDT))	1		
Canada - Nova Scotia Occupational Exposure Limits	DDT (DDT [Dichlorodiphenyltrichloroethane])	1		TLV Basis: liver damage
Canada - Prince Edward Island Occupational Exposure Limits	DDT (DDT [Dichlorodiphenyltrichloroethane])	1		TLV Basis: liver damage
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	DDT (Diesel fuel as total hydrocarbons, (vapour))	100	150	Skin
Canada - Alberta Occupational Exposure Limits	DDT (Diesel fuel, as total hydrocarbons)	100		
Canada - Alberta Occupational Exposure Limits	DDT (Kerosene/Jet fuels, as total hydrocarbon vapour)	200		
Canada - Alberta Occupational Exposure Limits	DDT (DDT (Dichlorodiphenyl trichloroethane))	1		
Canada - British Columbia Occupational Exposure Limits	DDT (DDT (Dichloro-diphenyltrichloroethane))	1		2B
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	DDT (DDT (Dichlorodiphenyltrichloro-ethane))	1	3	T20
US - Oregon Permissible Exposure Limits (Z1)	DDT (Dichlorodiphenyltrichloroethane (DDT))	1		
Canada - Quebec Permissible Exposure Values for Airborne Contaminants (English)	DDT (DDT (Dichlorodiphenyltrichloroethane))	1		
US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants	DDT (Dichlorodiphenyltri-chloroethane (DDT))	1		
Canada - British Columbia Occupational Exposure Limits	DDT (Diesel fuel, as total hydrocarbons, Inhalable)	100 (V)		Skin

EMERGENCY EXPOSURE LIMITS

Material	Revised IDLH Value (mg/m3)	Revised IDLH Value (ppm)
DDT	500	

MATERIAL DATA

DDT:

■ for DDT:

The TLV-TWA is thought to provide a wide margin of safety in the prevention of acute poisoning and also is thought to be protective against the significant risk of accumulation in body stores.

Established occupational exposure limits frequently do not take into consideration reproductive end points that are clearly below the thresholds for other toxic effects. Occupational reproductive guidelines (ORGs) have been suggested as an additional standard. These have been established after a literature search for reproductive no-observed-adverse effect-level (NOAEL) and the lowest-observed-adverse-effect-level (LOAEL). In addition the US EPA's procedures for risk assessment for hazard identification and dose-response assessment as applied by NIOSH were used in the creation of such limits. Uncertainty factors (UFs) have also been incorporated.

PERSONAL PROTECTION

Consult your EHS staff for recommendations

EYE

■
- Safety glasses with side shields
- Chemical goggles.
- Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

HANDS/FEET

■ Wear chemical protective gloves, eg. PVC.
Wear safety footwear or safety gumboots, eg. Rubber.
Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:
- frequency and duration of contact,
- chemical resistance of glove material,
- glove thickness and
- dexterity

Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739).
- When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended.
- When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended.
- Contaminated gloves should be replaced.

Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended.

OTHER

■
- Overalls.
- Eyewash unit.
- Barrier cream.
- Skin cleansing cream.

■
- Respirators may be necessary when engineering and administrative controls do not adequately prevent exposures.
- The decision to use respiratory protection should be based on professional judgment that takes into account toxicity information, exposure measurement data, and frequency and likelihood of the worker's exposure - ensure users are not subject to high thermal loads which may result in heat stress or distress due to personal protective equipment (powered, positive flow, full face apparatus may be an option).
- Published occupational exposure limits, where they exist, will assist in determining the adequacy of the selected respiratory . These may be government mandated or vendor recommended.
- Certified respirators will be useful for protecting workers from inhalation of particulates when properly selected and fit tested as part of a complete respiratory protection program.
- Use approved positive flow mask if significant quantities of dust becomes airborne.
- Try to avoid creating dust conditions.

RESPIRATOR

■

Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
10 x PEL	P1	-	PAPR-P1
	Air-line*	-	-
50 x PEL	Air-line**	P2	PAPR-P2
100 x PEL	-	P3	-
		Air-line*	-
100+ x PEL	-	Air-line**	PAPR-P3

* - Negative pressure demand ** - Continuous flow
Explanation of Respirator Codes:
Class 1 low to medium absorption capacity filters.
Class 2 medium absorption capacity filters.
Class 3 high absorption capacity filters.
PAPR Powered Air Purifying Respirator (positive pressure) cartridge.
Type A for use against certain organic gases and vapors.
Type AX for use against low boiling point organic compounds (less than 65ºC).
Type B for use against certain inorganic gases and other acid gases and vapors.
Type E for use against sulfur dioxide and other acid gases and vapors.
Type K for use against ammonia and organic ammonia derivatives
Class P1 intended for use against mechanically generated particulates of sizes most commonly encountered in industry, e.g. asbestos, silica.
Class P2 intended for use against both mechanically and thermally generated particulates, e.g. metal fume.
Class P3 intended for use against all particulates containing highly toxic materials, e.g. beryllium.
The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.
Use appropriate NIOSH-certified respirator based on informed professional judgement. In conditions where no reasonable estimate of exposure can be made, assume the exposure is in a concentration IDLH and use NIOSH-certified full face pressure demand SCBA with a minimum service life of 30 minutes, or a combination full facepiece pressure demand SAR with auxiliary self-contained air supply. Respirators provided only for escape from IDLH atmospheres shall be NIOSH-certified for escape from the atmosphere in which they will be used.

ENGINEERING CONTROLS

■
- Local exhaust ventilation is required where solids are handled as powders or crystals; even when particulates are relatively large, a certain proportion will be powdered by mutual friction.
- Exhaust ventilation should be designed to prevent accumulation and recirculation of particulates in the workplace.
- If in spite of local exhaust an adverse concentration of the substance in air could occur, respiratory protection should be considered. Such protection might consist of:

(a): particle dust respirators, if necessary, combined with an absorption cartridge;
(b): filter respirators with absorption cartridge or canister of the right type;
(c): fresh-air hoods or masks
- Build-up of electrostatic charge on the dust particle, may be prevented by bonding and grounding.

- Powder handling equipment such as dust collectors, dryers and mills may require additional protection measures such as explosion venting.

Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to efficiently remove the contaminant.

Type of Contaminant:	Air Speed:
direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)	1-2.5 m/s (200-500 f/min.)
grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion).	2.5-10 m/s (500-2000 f/min.)

Within each range the appropriate value depends on:

Lower end of the range	Upper end of the range
1: Room air currents minimal or favorable to capture	1: Disturbing room air currents
2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity
3: Intermittent, low production.	3: High production, heavy use
4: Large hood or large air mass in motion	4: Small hood-local control only

Simple theory shows that air velocity falls rapidly with distance away from the opening of a simple extraction pipe. Velocity generally decreases with the square of distance from the extraction point (in simple cases). Therefore the air speed at the extraction point should be adjusted, accordingly, after reference to distance from the contaminating source. The air velocity at the extraction fan, for example, should be a minimum of 4-10 m/s (800-2000 f/min) for extraction of crusher dusts generated 2 meters distant from the extraction point. Other mechanical considerations, producing performance deficits within the extraction apparatus, make it essential that theoretical air velocities are multiplied by factors of 10 or more when extraction systems are installed or used.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES

Solid.
Does not mix with water.

State	Divided solid	Molecular Weight	354.48
Melting Range (°F)	227.3	Viscosity	Not Applicable
Boiling Range (°F)	Not available	Solubility in water (g/L)	Immiscible
Flash Point (°F)	Not Available	pH (1% solution)	Not applicable
Decomposition Temp (°F)	Not Available	pH (as supplied)	Not applicable
Autoignition Temp (°F)	Not available	Vapour Pressure (mmHG)	Not applicable
Upper Explosive Limit (%)	Not Available	Specific Gravity (water=1)	Not available
Lower Explosive Limit (%)	Not Available	Relative Vapor Density (air=1)	Not Applicable
Volatile Component (%vol)	Not applicable	Evaporation Rate	Not applicable
Gas group	IIA		

APPEARANCE

Colourless crystals or white to slightly off-white powder. Odourless or with slight aromatic odour. Insoluble in water; soluble in acetone, benzene, carbon tetrachloride, ether, kerosene, dioxane and pyridine. Since DDT is not biodegradable and is ecologically damaging, its agricultural use in the USA was prohibited in 1973.

Section 10 - CHEMICAL STABILITY

CONDITIONS CONTRIBUTING TO INSTABILITY

■

- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerization will not occur.

STORAGE INCOMPATIBILITY

■

- Avoid strong bases.

Avoid reaction with oxidizing agents.

For incompatible materials - refer to Section 7 - Handling and Storage.

Section 11 - TOXICOLOGICAL INFORMATION

DDT

TOXICITY AND IRRITATION

■ unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

TOXICITY	IRRITATION
Oral (rat) LD50: 87 mg/kg	Nil Reported

Oral (human infant) LDLo: 150 mg/kg
Oral (man) TDLo: 6 mg/kg
Oral (human) TDLo: 16 mg/kg
Oral (human) LDLo: 500 mg/kg
Oral (human) TDLo: 5 mg/kg
Dermal (rat) LD50: 1931 mg/kg
Dermal (rabbit) LD50: 300 mg/kg

■ For DDT:

DDT is moderately to slightly toxic to studied mammalian species via the oral route. Toxicity will vary according to formulation . DDT is readily absorbed through the gastrointestinal tract, with increased absorption in the presence of fats .

One-time administration of DDT to rats at doses of 50 mg/kg led to decreased thyroid function and a single dose of 150 mg/kg led to increased blood levels of liver-produced enzymes and changes in the cellular chemistry in the central nervous system of monkeys. Single doses of 50-160 mg/kg produced tremors in rats, and single doses of 160 mg/kg produced hind leg paralysis in guinea pigs. Mice suffered convulsions following a one-time oral dose of 200 mg/kg. Single administrations of low doses to developing 10- day old mice are reported to have caused subtle effects on their neurological development .

DDT is slightly to practically non-toxic to test animals via the dermal route. It is not readily absorbed through the skin unless it is in solution.

It is thought that inhalation exposure to DDT will not result in significant absorption through the lung alveoli (tiny gas-exchange sacs) but rather that it is probably trapped in mucous secretions and swallowed by exposed individuals following the tracheo-bronchial clearance of secretions by the cilia.

Acute effects likely in humans due to low to moderate exposure may include nausea, diarrhoea, increased liver enzyme activity, irritation (of the eyes, nose or throat), disturbed gait, malaise and excitability; at higher doses, tremors and convulsions are possible. While adults appear to tolerate moderate to high ingested doses of up to 280 mg/kg, a case of fatal poisoning was seen in a child who ingested one ounce of a 5% DDT:kerosene solution.

Chronic toxicity: DDT has caused chronic effects on the nervous system, liver, kidneys,and immune systems in experimental animals. Effects on the nervous system observed in test animals include: tremors in rats at doses of 16-32 mg/kg/day over 26 weeks; tremors in mice at doses of 6.5-13mg/kg/day over 80-140 weeks; changes in cellular chemistry in the central nervous system of monkeys at doses of 10 mg/kg/day over 100 days, and loss of equilibrium in monkeys at doses of 50 mg/kg/day for up to 6 months.

The main effect on the liver seen in animal studies was localized liver damage. This effect was seen in rats given 3.75 mg/kg/day over 36 weeks, rats exposed to 5 mg/kg/day over 2 years and dogs at doses of 80 mg/kg/day over the course of 39 months. In many cases lower doses produced subtle changes in liver cell physiology, and in some cases higher doses produced more severe effects. In mice doses of 8.33 mg/kg/day over 28 days caused increased liver weight and increased liver enzyme activity . Liver enzymes are commonly involved in detoxification of foreign compounds, so it is unclear whether increased liver enzyme activity in itself would constitute an adverse effect. In some species (monkeys and hamsters), doses as high as 8-20 mg/kg/day caused no observed adverse effects over exposure periods as long as 3.5-7 years .

Kidney effects observed in animal studies include adrenal gland hemorrhage in dogs at doses of 138.5 mg/kg/day over 10 days and adrenal gland damage at 50 mg/kg day over 150 days in dogs. Kidney damage was also seen in rats at doses of 10 mg/kg/day over 27 months.

Immunological effects observed in test animals include: reduced antibody formation in mice following administration of 13 mg/kg/day for 3-12 weeks and reduced levels of immune cells in rats at doses of 1 mg/kg/day. No immune system effects were observed in mice at doses of 6.5 mg/kg/day for 3-12 weeks.

Dose levels at which effects were observed in test animals are very much higher than those which may be typically encountered by humans. Due to the persistence of DDT and its metabolites in the environment, very low levels may continue to be detected in foodstuffs grown in some areas of prior use. It has been suggested that, depending on patterns of international DDT use and trade, it is possible that dietary exposure levels may actually increase over time. Persons eating fish contaminated with DDT or metabolites may also be exposed via bioaccumulation of the compound in fish.

Even though current dietary levels are quite low, past and current exposures may result in measurable body burdens due to its persistence in the body. More information on the metabolism and storage of DDT and its metabolites in mammalian systems is provided below (Fate in Humans and Animals).

Adverse effects on the liver, kidney and immune system due to DDT exposure have not been demonstrated in humans in any of the studies which have been conducted to date .

Reproductive Effects: There is evidence that DDT causes reproductive effects in test animals. No reproductive effects were observed in rats at doses of 38 mg/kg/day administered at days 15-19 of gestation. In another study in rats, oral doses of 7.5 mg/kg/day for 36 weeks resulted in sterility . In rabbits, doses of 1 mg/kg/day administered on gestation days 4-7 resulted in decreased fetal weights and 10 mg/kg/day on days 7-9 of gestation resulted in increased resorptions. In mice, doses of 1.67 mg/kg/day resulted in decreased embryo implantation and irregularities in the estrus cycle over 28 weeks. It is thought that many of these observed effects may be the result of disruptions in the endocrine (hormonal) system.

Available epidemiological evidence from two studies does not indicate that reproductive effects have occurred in humans as a result of DDT exposure. No associations between maternal blood levels of DDT and miscarriage nor premature rupture of fetal membranes were observed in two separate studies. One study did report a significant association between maternal DDT blood levels and miscarriage, but the presence of other organochlorine chemicals (e.g., PCBs) in maternal blood which may have accounted for the effect make it impossible to attribute the effect to DDT and its metabolites.

Teratogenic Effects: There is evidence that DDT causes teratogenic effects in test animals as well. In mice, maternal doses of 26 mg/kg/day DDT from gestation through lactation resulted in impaired learning performance in maze tests. In a two-generational study of rats, 10 mg/kg/day resulted in abnormal tail development. Epidemiological evidence regarding the occurrence of teratogenic effects as a result of DDT exposure are unavailable. It seems unlikely that teratogenic effects will occur in humans due to DDT at likely exposure levels.

Mutagenic Effects: The evidence for mutagenicity and genotoxicity is contradictory. In only 1 out of 11 mutagenicity assays in various cell cultures and organisms did DDT show positive results . Results of in vitro and in vivo genotoxicity assays for chromosomal aberrations indicated that DDT was genotoxic in 8 out of 12 cases, and weakly genotoxic in 1 case .

In humans, blood cell cultures of men occupationally exposed to DDT showed an increase in chromosomal damage. In a separate study, significant increases in chromosomal damage were reported in workers who had direct and indirect occupational exposure to DDT . Thus it appears that DDT may have the potential to cause genotoxic effects in humans, but does not appear to be strongly mutagenic. It is unclear whether these effects may occur at exposure levels likely to be encountered by most people.

Carcinogenic Effects: The evidence regarding the carcinogenicity of DDT is equivocal. It has been shown to cause increased tumor production (mainly in the liver and lung) in test animals such as rats, mice and hamsters in some studies but not in others. In rats, liver tumors were induced in three separate studies at doses of 12.5 mg/kg/day over periods of 78 weeks to life, and thyroid tumors were induced at doses of 85 mg/kg/day over 78 weeks. In mice, lifetime doses of 0.4 mg/kg/day resulted in lung tumors in the second generation and leukemia in the third generation; liver tumors were induced at oral doses of 0.26 mg/kg/day in two separate studies over several generations. In hamsters, significant increases in adrenal gland tumors were

seen at doses of 83 mg/kg/day in females (but not males) , and in males (but not females) at doses of 40 mg/kg/day.
In other studies, however, no carcinogenic activity was observed in rats at doses less than 25 mg/kg/day; no carcinogenic activity was seen in mice with at doses of 3-23 mg/kg/day over an unspecified period, and in other hamster studies there have been no indications of carcinogenic effects.
The available epidemiological evidence regarding DDT's carcinogenicity in humans, when taken as a whole, does not suggest that DDT and its metabolites are carcinogenic in humans at likely dose levels. In several epidemiological studies, no significant associations were seen between DDT exposure and disease, but in one other study, a weak association was observed. In this latter study, which found a significant association between long-term, high DDT exposures and pancreatic cancers in chemical workers, there were questions raised as to the reliability of the medical records of a large proportion of the cancer cases.
Organ Toxicity: Acute human exposure data and animal studies reveal that DDT can affect the nervous system, liver, kidney. Increased tumor production in the liver and lung has been observed in test animals. An association with pancreatic cancer was suggested in humans in one study.
Fate in Humans & Animals: DDT is very slowly transformed in animal systems. Initial degradates in mammalian systems are 1,1-dichloro-2,2-bis(p-dichlorodiphenyl)ethylene (DDE) and 1,1-dichloro-2,2-bis(p-chlorophenyl)ethane (DDD), which are very readily stored in fatty tissues. These compounds in turn are ultimately transformed into bis(dichlorodiphenyl) acetic acid (DDA) via other metabolites at a very slow rate. DDA, or conjugates of DDA, are readily excreted via the urine.
Levels of DDT or metabolites may occur in fatty tissues (e.g. fat cells, the brain, etc.) at levels of up to several hundred times that seen in the blood. DDT or metabolites may also be eliminated via mother's milk by lactating women.
WARNING: This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans.
ADI: 0.002 mg/kg/day
NOEL: 0.25 mg/kg/day

CARCINOGEN

DDT [p,p'-DDT]	International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs	Group	2B
Non-arsenical insecticides (occupational exposures in spraying and application of)	International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs	Group	2A
p,p'-Dichlorodiphenyltrichloroethane (DDT)	US EPA Carcinogens Listing	Carcinogenicity	B2
p,p'-Dichlorodiphenyltrichloroethane (DDT)	US ACGIH Threshold Limit Values (TLV) - Carcinogens	Carcinogen Category	B2
DDT [Dichlorodiphenyltrichloroethane]	US ACGIH Threshold Limit Values (TLV) - Carcinogens	Carcinogen Category	A3
DDT	US Environmental Defense Scorecard Recognized Carcinogens	Reference(s)	P65
DDT (TOTAL)	US Environmental Defense Scorecard Recognized Carcinogens	Reference(s)	P65-MC
DDT	US Environmental Defense Scorecard Suspected Carcinogens	Reference(s)	P65
DDT (TOTAL)	US Environmental Defense Scorecard Suspected Carcinogens	Reference(s)	P65-MC
DDT [Dichlorodiphenyltrichloroethane]	US NIOSH Recommended Exposure Limits (RELs) - Carcinogens	Carcinogen	Ca

SKIN

DDT	Canada - Ontario Occupational Exposure Limits - Skin	Notes	Skin
DDT	US AIHA Workplace Environmental Exposure Levels (WEELs) - Skin	Notes	Skin
DDT	Canada - Quebec Permissible Exposure Values for Airborne Contaminants - Skin (French)	Notes	Skin
DDT	US - Tennessee Occupational Exposure Limits - Limits For Air Contaminants - Skin	Skin Designation	X
DDT	US - Vermont Permissible Exposure Limits Table Z-1-A Transitional Limits for Air Contaminants - Skin	Skin Designation	X
DDT	US - Vermont Permissible Exposure Limits Table Z-1-A Final Rule Limits for Air Contaminants - Skin	Skin Designation	X
DDT	US - Washington Permissible exposure limits of air contaminants - Skin	Skin	X
DDT	Canada - British Columbia Occupational Exposure Limits - Skin	Notation	Skin
DDT	US - Minnesota Permissible Exposure Limits (PELs) - Skin	Skin Designation	X
DDT	US - Hawaii Air Contaminant Limits - Skin Designation	Skin Designation	X
DDT	ND	Skin Designation	X
DDT	US OSHA Permissible Exposure Levels (PELs) - Skin	Skin Designation	X
DDT	US - California Permissible Exposure Limits for Chemical Contaminants - Skin	Skin	X
DDT	US - California Permissible Exposure Limits for Chemical Contaminants - Skin	Skin	S
DDT	Canada - Alberta Occupational Exposure Limits - Skin	Substance Interaction	1

Section 12 - ECOLOGICAL INFORMATION

Refer to data for ingredients, which follows:
DDT:

■ Daphnia magna EC50 (48hr.) (mg/l):	0.002- 0.00
■ Half- life Soil - High (hours):	1.40E+05
■ Half- life Soil - Low (hours):	17520

■ Half- life Air - High (hours):	177
■ Half- life Air - Low (hours):	17.7
■ Half- life Surface water - High (hours):	8400
■ Half- life Surface water - Low (hours):	168
■ Half- life Ground water - High (hours):	2.70E+05
■ Half- life Ground water - Low (hours):	384
■ Aqueous biodegradation - Aerobic - High (hours):	1.37E+05
■ Aqueous biodegradation - Aerobic - Low (hours):	17520
■ Aqueous biodegradation - Anaerobic - High (hours):	2400
■ Aqueous biodegradation - Anaerobic - Low (hours):	384
■ Aqueous biodegradation - Removal secondary treatment - High (hours):	100%
■ Photolysis maximum light absorption - High (nano- m):	<282
■ Photooxidation half- life water - High (hours):	8400
■ Photooxidation half- life water - Low (hours):	168
■ Photooxidation half- life air - High (hours):	177
■ Photooxidation half- life air - Low (hours):	17.7
■ First order hydrolysis half- life (hours):	1.94E+05

■ Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
■ Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.
Wastes resulting from use of the product must be disposed of on site or at approved waste sites.
■ For DDT
log Kow : 6.19
Half-life (hr) air: 170
Half-life (hr) H2O surface water: 5500
Half-life (hr) soil: 17000
BCF : 12000-40000
Environmental fate:
Breakdown in Soil and Groundwater: DDT is very highly persistent in the environment, with a reported half life of between 2-15 years and is immobile in most soils. Routes of loss and degradation include runoff, volatilization, photolysis and biodegradation (aerobic and anaerobic). These processes generally occur only very slowly. Breakdown products in the soil environment are DDE and DDD, which are also highly persistent and have similar chemical and physical properties.
Due to its extremely low solubility in water, DDT will be retained to a greater degree by soils and soil fractions with higher proportions of soil organic matter. It may accumulate in the top soil layer in situations where heavy applications are (or were) made annually; e.g., for apples. Generally DDT is tightly sorbed by soil organic matter, but it (along with its metabolites) has been detected in many locations in soil and groundwater where it may be available to organisms. This is probably due to its high persistence; although it is immobile or only very slightly mobile, over very long periods of time it may be able to eventually leach into groundwater, especially in soils with little soil organic matter.
Residues at the surface of the soil are much more likely to be broken down or otherwise dissipated than those below several inches. Studies in Arizona have shown that volatilization losses may be significant and rapid in soils with very low organic matter content (desert soils) and high irradiance of sunlight, with volatilization losses reported as high as 50% in 5 months . In other soils (Hood River and Medford) this rate may be as low as 17- 18% over 5 years . Volatilisation loss will vary with the amount of DDT applied, proportion of soil organic matter, proximity to soil-air interface and the amount of sunlight .
Breakdown of Chemical in Surface Water: DDT may reach surface waters primarily by runoff, atmospheric transport, drift, or by direct application (e.g. to control mosquito-borne malaria). The reported half-life for DDT in the water environment is 56 days in lake water and approximately 28 days in river water . The main pathways for loss are volatilization, photodegradation, adsorption to water-borne particulates and sedimentation. Aquatic organisms, as noted above, also readily take up and store DDT and its metabolites. Field and laboratory studies in the United Kingdom demonstrated that very little breakdown of DDT occurred in estuary sediments over the course of 46 days .
Breakdown of Chemical in Vegetation: DDT does not appear to be taken up or stored by plants to a great extent. It was not translocated into alfalfa or soybean plants, and only trace amounts of DDT or its metabolites were observed in carrots, radishes and turnips all grown in DDT-treated soils . Some accumulation was reported in grain, maize and rice-plants, but little translocation occurred and residues were located primarily in the roots
Ecotoxicity:
Effects on Birds:
Bird dietary LD50: mallard duck 2240 mg/kg, Japanese quail 841 mg/kg, pheasant 1334 mg/kg
Reported dietary LD50s in such species as bobwhite quail, California quail, red-winged blackbird, cardinal, house sparrow, blue jay, sandhill crane and clapper rail also indicate slight toxicity both in acute 5-day trials and over longer periods of up to 100 days In birds, exposure to DDT occurs mainly through the food web through predation on aquatic and/or terrestrial species having body burdens of DDT, such as fish, earthworms and other birds .
There has been much concern over chronic exposure of bird species to DDT and effects on reproduction, especially eggshell thinning and embryo deaths . The mechanisms of eggshell thinning are not fully understood. It is thought that this may occur from the major metabolite, DDE, and that predator species of birds are the most sensitive to these effects . Laboratory studies on bird reproduction have demonstrated the potential of DDT and DDE to cause subtle effects on courtship behavior, delays in pairing and egg laying and decreases in egg weight in ring doves and Bengalese finches . The implications of these for long-term survival and reproduction of wild bird species is unclear.
There is evidence that synergism may be possible between DDT's metabolites and organophosphate (cholinesterase-inhibiting) pesticides to produce greater toxicity to the nervous system and higher mortality Aroclor (polychlorinated biphenyls, or PCBs) may result in additive effects on eggshell thinning .
Effects on Aquatic Species
Fish LC50 (96 h): coho salmon 4 ug/l, rainbow trout 8.7 ug/l, northern pike 2.7 ug/l, black bullhead 4.8 ug/l, bluegill sunfish 8.6 ug/l, largemouth bass 1.5 ug/l, walleye 2.9 ug/l, fathead minnow 21.5 ug/l, channel catfish 12.2 ug/l, largemouth bass 1.5 ug/l, guppy 56 ug/l
DDT is very highly toxic to many aquatic invertebrate species. Reported 96-hour LC50s in various aquatic invertebrates (e.g., stoneflies, midges, crayfish, sow bugs) range from 0.18 ug/L to 7.0 ug/L, and 48-hour LC50s are 4.7 ug/L for daphnids and 15 ug/L for sea shrimp . Other reported 96-hour LC50s for various aquatic invertebrate species are from 1.8 ug/L to 54 ug/L . Early developmental stages are more susceptible than adults to DDT's effects . The reversibility of some effects, as well as the

development of some resistance, may be possible in some aquatic invertebrates .
DDT is very highly toxic to fish species as well. . Observed toxicity in coho and chinook salmon was greater in smaller fish than in larger . It is reported that DDT levels of 1 ng/L were sufficient to affect the hatching of coho salmon eggs DDT may be moderately toxic to some amphibian species and larval stages are probably more susceptible than adults
In addition to acute toxic effects, DDT may bioaccumulate significantly in fish and other aquatic species, leading to long-term exposure. This occurs mainly through uptake from sediment and water into aquatic flora and fauna, and also fish . Fish uptake of DDT from the water will be size-dependent with smaller fish taking up relatively more than larger fish . A half- time for elimination of DDT from rainbow trout was estimated to be 160 days .
The reported bioconcentration factor for DDT is 1,000 to 1,000,000 in various aquatic species, and bioaccumulation may occur in some species at very low environmental concentrations . Bioaccumulation may also result in exposure to species which prey on fish or other aquatic organisms (e.g., birds of prey).
Effects on Other Animals (Nontarget species)
Earthworms are not susceptible to acute effects of DDT and its metabolites at levels higher than those likely to be found in the environment, but they may serve as an exposure source to species that feed on them. DDT is non-toxic to bees; the reported topical LD50 for DDT in honeybees is 27 ug/bee . Laboratory studies indicate that bats may be affected by DDT released from stored body fat during long migratory periods.
■ Outbreaks of poisoning from food contaminated with organochlorines are characterized by headache, nausea, vomiting, restlessness, irritability, vertigo, muscle twitching, confusion, stupor, coma and convulsions.
The organochlorine pesticides are highly soluble in lipids and most organic solvents but have low water solubilities and low vapor pressure.
Adsorption in various soils depends strongly on the presence of soil organic matter. Once adsorbed they do not readily desorb. Such compounds do not as a consequence leach or diffuse in soils and transport to the hydrosphere from contaminated soils will be largely as a result of the erosion of soil particles or sediments, rather than by desorption and dissolution.
When organochlorines are poorly adsorbed, as in sandy soils, vaporization losses are significant. Volatilization from water or soil may also occur.
The actual evaporation rate depends on factors such as temperature, soil properties, soil water content and other physicochemical properties such as water solubility and degree of adsorption. The importance of soil moisture in volatilization led to the use of the term "co-distillation".
The effect observed in soil however is more accurately described as displacement of the sorbed pesticides by water molecules. As a result compounds which otherwise possess low water solubility are quite volatile from water.
Degradation of the organochlorines is slow compared to other classes of insecticide and in soil and water is due mainly to the action of micro- organisms. Pathways include dechlorination and dehydrochlorination. Oxidation is only moderately important. Epoxidations and rearrangements are common amongst the cyclodiene pesticides. These rearrangement reactions produce complicated "cage-like" structures that are toxic.
Bioaccumulation of the some organochlorines (notably DDT and dieldrin) are higher in aquatic ecosystems than in terrestrial ecosystems. Physicochemical properties such as high lipid solubility, low water solubility and chemical stability are the most significant factors behind such bioaccumulation.
The effects of bioaccumulation are manifest at the top of the food chain where, for example, predatory fish and birds, suffer from acute and chronic toxicity and reproductive failures. Effects may range from obvious toxicity to subtle behavioral changes. Evidence exists that the population effects are reversible with time.
■ DO NOT discharge into sewer or waterways.
■ The material is classified as an ecotoxin* because the Fish LC50 (96 hours) is less than or equal to 0.1 mg/l
* Classification of Substances as Ecotoxic (Dangerous to the Environment)
Appendix 8, Table 1
Compiler's Guide for the Preparation of International Chemical Safety Cards: 1993 Commission of the European Communities.

Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
DDT	HIGH	HIGH	HIGH	LOW

Section 13 - DISPOSAL CONSIDERATIONS

US EPA Waste Number & Descriptions

B. Component Waste Numbers
When DDT is present as a solid waste as a discarded commercial chemical product, off-specification species, as a container residue, or a spill residue, use EPA waste number U061 (waste code T).

Disposal Instructions

All waste must be handled in accordance with local, state and federal regulations.
¦ Puncture containers to prevent re-use and bury at an authorized landfill.
Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.
A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.
DO NOT allow wash water from cleaning equipment to enter drains. Collect all wash water for treatment before disposal.

- Recycle wherever possible.
- Consult manufacturer for recycling options or consult Waste Management Authority for disposal if no suitable treatment or disposal facility can be identified.
- Dispose of by: Burial in a licensed land-fill or Incineration in a licensed apparatus (after admixture with suitable combustible material)
- Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

Section 14 - TRANSPORTATION INFORMATION

DOT:

Symbols:	None	Hazard class or Division:	6.1
Identification Numbers:	UN2761	PG:	III
Label Codes:	6.1	Special provisions:	IB8, IP3, T1, TP33
Packaging: Exceptions:	153	Packaging: Non-bulk:	213
Packaging: Exceptions:	153	Quantity limitations: Passenger aircraft/rail:	100 kg
Quantity Limitations: Cargo aircraft only:	200 kg	Vessel stowage: Location:	A
Vessel stowage: Other:	40	S.M.P.:	Severe

Hazardous materials descriptions and proper shipping names:
Organochlorine pesticides, solid, toxic

Air Transport IATA:

ICAO/IATA Class:	6.1	ICAO/IATA Subrisk:	None
UN/ID Number:	2761	Packing Group:	III
Special provisions:	A3		

Shipping Name: ORGANOCHLORINE PESTICIDE, SOLID, TOXIC *(CONTAINS DDT)

Maritime Transport IMDG:

IMDG Class:	6.1	IMDG Subrisk:	None
UN Number:	2761	Packing Group:	III
EMS Number:	F-A,S-A	Special provisions:	61 223 274 944
Limited Quantities:	5 kg		

Shipping Name: ORGANOCHLORINE PESTICIDE, SOLID, TOXIC(contains DDT)

Section 15 - REGULATORY INFORMATION

DDT (CAS: 50-29-3) is found on the following regulatory lists;

"Canada - Northwest Territories Occupational Exposure Limits (English)","Canada - Nova Scotia Occupational Exposure Limits","Canada - Ontario Occupational Exposure Limits","Canada - Prince Edward Island Occupational Exposure Limits","Canada - Yukon Permissible Concentrations for Airborne Contaminant Substances","Canada Domestic Substances List (DSL)","Canada Environmental Protection Act (CEPA) 1999 - Schedule 1 Toxic Substances List","Canada Environmental Protection Act (CEPA) 1999 - Schedule 3 Export Control List - Part 2 Substances Subject to Notification or Consent","Canada Environmental Quality Guidelines (EQGs) Water: Aquatic life","Canada Prohibited Toxic Substances (English)","International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs","OECD Representative List of High Production Volume (HPV) Chemicals","OSPAR List of Substances of Possible Concern","United Nations List of Prior Informed Consent Chemicals - French","United Nations List of Prior Informed Consent Chemicals - Spanish","United Nations List of Prior Informed Consent Chemicals (English)","US - Alaska Limits for Air Contaminants","US - California Air Toxics ""Hot Spots"" List (Assembly Bill 2588) Substances for which production, use or other presence must be reported","US - California Environmental Health Standards for the Management of Hazardous Waste - List of Organic Persistent and Bioaccumulative Toxic Substances and Their STLC & TTLC Values","US - California Occupational Safety and Health Regulations (CAL/OSHA) - Hazardous Substances List","US - California Permissible Exposure Limits for Chemical Contaminants","US - California Proposition 65 - Priority List for the Development of MADLs for Chemicals Causing Reproductive Toxicity","US - California Proposition 65 - Reproductive Toxicity","US - Connecticut Hazardous Air Pollutants","US - Hawaii Air Contaminant Limits","US - Idaho - Limits for Air Contaminants","US - Massachusetts Oil & Hazardous Material List","US - Michigan Exposure Limits for Air Contaminants","US - Minnesota Hazardous Substance List","US - Minnesota Permissible Exposure Limits (PELs)","US - New Jersey Right to Know Hazardous Substances","US - Pennsylvania - Hazardous Substance List","US - Rhode Island Hazardous Substance List","US - Tennessee Occupational Exposure Limits - Limits For Air Contaminants","US - Vermont Hazardous Constituents","US - Vermont Hazardous wastes which are Discarded Commercial Chemical Products or Off-Specification Batches of Commercial Chemical Products or Spill Residues of Either","US - Vermont Permissible Exposure Limits Table Z-1-A Final Rule Limits for Air Contaminants","US - Vermont Permissible Exposure Limits Table Z-1-A Transitional Limits for Air Contaminants","US - Washington Class A toxic air pollutants: Known and Probable Carcinogens","US - Washington Dangerous waste constituents list","US - Washington Discarded Chemical Products List - ""U"" Chemical Products","US - Washington Permissible exposure limits of air contaminants","US ACGIH Threshold Limit Values (TLV)","US ACGIH Threshold Limit Values (TLV) - Carcinogens","US ATSDR Minimal Risk Levels for Hazardous Substances (MRLs)","US CERCLA Priority List of Hazardous Substances","US CERCLA Top 20 Priority List of Hazardous Substances","US CWA (Clean Water Act) - List of Hazardous Substances","US CWA (Clean Water Act) - Priority Pollutants","US CWA (Clean Water Act) - Reportable Quantities of Designated Hazardous Substances","US Department of Transportation (DOT) List of Hazardous Substances and Reportable Quantities - Hazardous Substances Other Than Radionuclides","US DOE Temporary Emergency Exposure Limits (TEELs)","US EPA Carcinogens Listing","US EPA National Priorities List - Superfund Chemical Data Matrix (SCDM) - Hazard Ranking System - Hazardous Substance Benchmarks","US National Toxicology Program (NTP) 11th Report Part B. Reasonably Anticipated to be a Human Carcinogen","US NIOSH Recommended Exposure Limits (RELs)","US OSHA Permissible Exposure Levels (PELs) - Table Z1","US RCRA (Resource Conservation & Recovery Act) - Appendix IX to Part 264 Ground-Water Monitoring List 1","US RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261","US RCRA (Resource Conservation & Recovery Act) - List of Hazardous Inorganic and Organic Constituents 1","US RCRA (Resource Conservation & Recovery Act) - List of Hazardous Wastes","US RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards","US Toxic Substances Control Act (TSCA) - Inventory","US TSCA Section 12(b) - List of Chemical Substances Subject to Export Notification Requirements","US

TSCA Section 5(a)(2) - Significant New Use Rules (SNURs)","WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water"

Section 16 - OTHER INFORMATION

LIMITED EVIDENCE

■ Inhalation may produce health damage*.
■ May affect fertility*.
* (limited evidence).

REPRODUCTIVE HEALTH GUIDELINES

■ Established occupational exposure limits frequently do not take into consideration reproductive end points that are clearly below the thresholds for other toxic effects. Occupational reproductive guidelines (ORGs) have been suggested as an additional standard. These have been established after a literature search for reproductive no-observed-adverse effect-level (NOAEL) and the lowest-observed-adverse-effect-level (LOAEL). In addition the US EPA's procedures for risk assessment for hazard identification and dose-response assessment as applied by NIOSH were used in the creation of such limits. Uncertainty factors (UFs) have also been incorporated.

Ingredient	ORG	UF	Endpoint	CR	Adeq TLV
DDT	0.01 mg/m3	1000	R	3	-

■ These exposure guidelines have been derived from a screening level of risk assessment and should not be construed as unequivocally safe limits. ORGS represent an 8-hour time-weighted average unless specified otherwise. CR = Cancer Risk/10000; UF = Uncertainty factor: TLV believed to be adequate to protect reproductive health: LOD: Limit of detection Toxic endpoints have also been identified as: D = Developmental; R = Reproductive; TC = Transplacental carcinogen Jankovic J., Drake F.: A Screening Method for Occupational Reproductive Health Risk: American Industrial Hygiene Association Journal 57: 641-649 (1996).

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■ Classification of the mixture and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
A list of reference resources used to assist the committee may be found at:
www.chemwatch.net/references.

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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4,4'-DDT

sc-238975

Material Safety Data Sheet

Hazard Alert Code Key:	EXTREME	HIGH	MODERATE	LOW

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
4,4'-DDT

STATEMENT OF HAZARDOUS NATURE
CONSIDERED A HAZARDOUS SUBSTANCE ACCORDING TO OSHA 29 CFR 1910.1200.

NFPA

SUPPLIER
Company: Santa Cruz Biotechnology, Inc.
Address:
2145 Delaware Ave
Santa Cruz, CA 95060
Telephone: 800.457.3801 or 831.457.3800
Emergency Tel: CHEMWATCH: From within the US and Canada: 877-715-9305
Emergency Tel: From outside the US and Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

PRODUCT USE
Insecticide for tobacco and cotton, pesticide (tussock moth). Intermediate

SYNONYMS
C14-H9-Cl5, "1, 1' -(2, 2, 2-trichloroethylidene) bis [4-chlorobenzene]", "1, 1' -(2, 2, 2-trichloroethylidene) bis [4-chlorobenzene]", "1, 1, 1-trichloro-2, 2-bis(p-chlorophenyl)ethane", "1, 1, 1-trichloro-2, 2-bis(p-chlorophenyl)ethane", "ethane, 1, 1, 1-trichloro-2, 2-bis(p-chlorophenyl)", "ethane, 1, 1, 1-trichloro-2, 2-bis(p-chlorophenyl)", "benzene, 1, 1' -(, 2, 2-trichloroethylidene)bis(4-chloro)-", "benzene, 1, 1' -(, 2, 2-trichloroethylidene)bis(4-chloro)-", "alpha, alpha-bis(p-chlorophenyl)-beta, beta, beta-trichloroethane", "1, 1-bis-(p-chlorophenyl)-2, 2, 2-trichloroethane", "1, 1-bis-(p-chlorophenyl)-2, 2, 2-trichloroethane", "2, 2-bis(p-chlorophenyl)-1, 1, 1-trichloroethane", "2, 2-bis(p-chlorophenyl)-1, 1, 1-trichloroethane", "p, p' -DDT", "p, p' -DDT", "diphenyl trichloroethane", dichlorodiphenyltrichloroethane, "p, p-dichlorodiphenyltrichloroethane", "p, p-dichlorodiphenyltrichloroethane", "4, 4' -dichlorodiphenyltrichloroethane", "4, 4' -dichlorodiphenyltrichloroethane", Agritan, Anofex, Arkotine, Azotox, "Bosan supra", Bovidermal, Chlorophenothane, Chlorophenotoxum, Citox, Clofenotane, Dedelo, Deoval, Ditoxan, Dibovan, Dicophane, Didigam, Didimac, Dodat, Dykol, Estonate, Genitox, Gesafid, Gesapon, Gesarex, Gesarol, Guesapon, Guesarol, Gyron, Havero-extra, Hildit, Ivoran, Ixodex, Kopsal, Mutoxin, Neocid, OMS-16, Parachlorodicum, Peb1, Pentachlorin, Zeidane, Zerdane, insecticide

Section 2 - HAZARDS IDENTIFICATION

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW
RISK
Limited evidence of a carcinogenic effect.

Toxic: danger of serious damage to health by prolonged exposure if swallowed.
Toxic in contact with skin and if swallowed.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

■ Toxic effects may result from the accidental ingestion of the material; animal experiments indicate that ingestion of less than 40 gram may be fatal or may produce serious damage to the health of the individual.
■ Organochlorine pesticides excite the central nervous system, causing shortness of breath, cough, narrowing of airways and throat spasms. In the muscles it can cause twitches, spastic movements and seizures. Headache, dizziness and confusion may result as well as a feeling of warmth. Other symptoms include nausea, vomiting, diarrhea and difficulty in urination. There may be alterations in blood pressure or irregularities in heart rhythm. Delayed poisoning may occur after 30 minutes to several hours. Symptoms may include diarrhea, stomach pain, headache, dizziness, inco-ordination, "pins and needles", restlessness, irritability, confusion and tremors, progressing to stupor, coma and epilepsy-like or spastic seizures with frothing at the mouth, a contorted face, violent convulsions and limb stiffness. Tremors may spread from the face to the torso and limbs. Severe poisoning may cause continuous convulsion, fever, unconsciousness, labored breathing, rapid heartbeat and general depression; this is followed by lack of oxygen, collapse of breathing, and death. Kidney damage and inflammation and anemia has also been reported.
■ Earliest symptom of exposure to DDT is a prickling or tingling sensation in the mouth, tongue and lower face. This is followed by dizziness, abdominal pain, headache, nausea, vomiting, diarrhoea, mental confusion, a sense of apprehension, weakness, loss of muscle control and tremors. Higher exposures can cause severe convulsions followed by death.
Symptoms may occur within 30 minutes to 6 hours after exposure, depending upon the severity of the exposure. DDT and its analogues may cause gastrointestinal effects.

EYE

■ Although the material is not thought to be an irritant, direct contact with the eye may cause transient discomfort characterized by tearing or conjunctival redness (as with windburn). Slight abrasive damage may also result. The material may produce foreign body irritation in certain individuals.

SKIN

■ Skin contact with the material may produce toxic effects; systemic effectsmay result following absorption.
■ The material is not thought to be a skin irritant (as classified using animal models). Abrasive damage however, may result from prolonged exposures. Good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
■ Open cuts, abraded or irritated skin should not be exposed to this material.
■ Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

INHALED

■ The material is not thought to produce respiratory irritation (as classified using animal models). Nevertheless inhalation of dusts, or fume, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress.
■ Inhalation of dusts, generated by the material during the course of normal handling, may be damaging to the health of the individual.
■ Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled.

CHRONIC HEALTH EFFECTS

■ There has been concern that this material can cause cancer or mutations, but there is not enough data to make an assessment.
There is some evidence to provide a presumption that human exposure to the material may result in impaired fertility on the basis of: some evidence in animal studies of impaired fertility in the absence of toxic effects, or evidence of impaired fertility occurring at around the same dose levels as other toxic effects but which is not a secondary non-specific consequence of other toxic effects.
The following chronic health effects can occur some time after exposure to DDT and can last for months or years. There is some evidence that it causes cancer in humans and it has been shown to cause liver cancer in animals.
DDT may damage the liver and kidneys, damage the developing fetus and decrease fertility in males and females, and cause central nervous system degeneration.
High doses of o,p'-DDT fed to immature female rats exert clear oestrogenic effects. Males fed 1 ppm o,p'-DDT from birth had significantly heavier bodies, testes and seminal vesicles at day 112. In a another study adult male rats treated with o,p'-DDT showed decreased corticosterone formed from progesterone in the adrenals and lowered unchanged progesterone. In brain metabolism, treatment with o,p'-DDT increased dihydrotestosterone from testosterone while androstenediol decreased. The authors concluded that the effects of o,p'-DDT administration are a decrease in plasma testosterone and in androgen biosynthesis, and an increase in plasma oestradiol.
Exposure to organochlorine pesticides for long periods can cause multiple nervous system infections and disorders involving the brain and autonomic nerves with headache, dizziness, "pins and needles", tremor in the limbs, disturbances in nerves supplying blood vessels, pain in the bowel and stiffening of the bile duct, rapid heartbeat, hollow heart sounds and a tight pain in the chest. There can be blood problems with loss of platelets and white blood cells, change in blood cell distribution, anemia, loss of appetite and weight. There may be disturbed behavior. Some organochlorines may have female sex hormone-like effects, causing withering of the testicles, reduced fertility and disturbed sexual activity.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARD RATINGS

		Min	Max
Flammability:	1		

Toxicity:	3	
Body Contact:	3	
Reactivity:	1	
Chronic:	3	

Min/Nil=0
Low=1
Moderate=2
High=3
Extreme=4

NAME	CAS RN	%
DDT	50-29-3	>99
(dichlorodiphenyltrichloroethane)		

Section 4 - FIRST AID MEASURES

SWALLOWED

■

- Give a slurry of activated charcoal in water to drink. NEVER GIVE AN UNCONSCIOUS PATIENT WATER TO DRINK.
- At least 3 tablespoons in a glass of water should be given.
- Although induction of vomiting may be recommended (IN CONSCIOUS PERSONS ONLY), such a first aid measure is dissuaded because to the risk of aspiration of stomach contents. (i) It is better to take the patient to a doctor who can decide on the necessity and method of emptying the stomach. (ii) Special circumstances may however exist; these include non- availability of charcoal and the ready availability of the doctor.

NOTE: If vomiting is induced, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. NOTE: Wear protective gloves when inducing vomiting.

- REFER FOR MEDICAL ATTENTION WITHOUT DELAY.
- In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition.
- If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the MSDS should be provided. Further action will be the responsibility of the medical specialist.
- If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the MSDS.

(ICSC20305/20307).

EYE

■ If this product comes in contact with the eyes:

- Immediately hold eyelids apart and flush the eye continuously with running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Continue flushing until advised to stop by the Poisons Information Center or a doctor, or for at least 15 minutes.
- Transport to hospital or doctor without delay.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

■ If skin or hair contact occurs:

- Quickly but gently, wipe material off skin with a dry, clean cloth.
- Immediately remove all contaminated clothing, including footwear.
- Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Center.
- Transport to hospital, or doctor.

INHALED

■

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.

NOTES TO PHYSICIAN

■ Organochlorines are well absorbed from the lungs, gastrointestinal tract and skin.

- Intoxication from acute oral exposures generally begins within 45 minutes to several hours.
- Diazepam is the anticonvulsant of choice. [Phenobarbitone, sodium phenobarbitone or in repeated convulsions sodium pentothal (2.5% solution) may also be given - calcium gluconate may also be helpful] (Manufacturers; David Gray and Hoechst)
- Usual methods of decontamination (Ipecac / lavage / charcoal / cathartics) are recommended within the first several hours following exposure.
- Dialysis, diuresis and hemoperfusion are ineffective because of extensive tissue binding and large volumes of distribution.
- There is no antidote.

[Ellenhorn and Barceloux: Medical Toxicology].

Section 5 - FIRE FIGHTING MEASURES

Vapour Pressure (mmHG):	Not applicable
Upper Explosive Limit (%):	Not Available
Specific Gravity (water=1):	Not available
Lower Explosive Limit (%):	Not Available

EXTINGUISHING MEDIA

■

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.
- Water spray or fog - Large fires only.

FIRE FIGHTING

■

- Alert Emergency Responders and tell them location and nature of hazard.
- Wear full body protective clothing with breathing apparatus.
- Prevent, by any means available, spillage from entering drains or water course.
- Use fire fighting procedures suitable for surrounding area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

GENERAL FIRE HAZARDS/HAZARDOUS COMBUSTIBLE PRODUCTS

■

- Combustible solid which burns but propagates flame with difficulty.
- Avoid generating dust, particularly clouds of dust in a confined or unventilated space as dusts may form an explosive mixture with air, and any source of ignition, i.e. flame or spark, will cause fire or explosion. Dust clouds generated by the fine grinding of the solid are a particular hazard; accumulations of fine dust may burn rapidly and fiercely if ignited.
- Dry dust can be charged electrostatically by turbulence, pneumatic transport, pouring, in exhaust ducts and during transport.
- Build-up of electrostatic charge may be prevented by bonding and grounding.
- Powder handling equipment such as dust collectors, dryers and mills may require additional protection measures such as explosion venting.

Combustion products include: carbon monoxide (CO), carbon dioxide (CO_2), hydrogen chloride, phosgene, other pyrolysis products typical of burning organic material.
May emit poisonous fumes.

FIRE INCOMPATIBILITY

■ Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids,chlorine bleaches, pool chlorine etc. as ignition may result.

PERSONAL PROTECTION

Glasses:
Chemical goggles.
Gloves:
Respirator:
Particulate

Section 6 - ACCIDENTAL RELEASE MEASURES

MINOR SPILLS

■

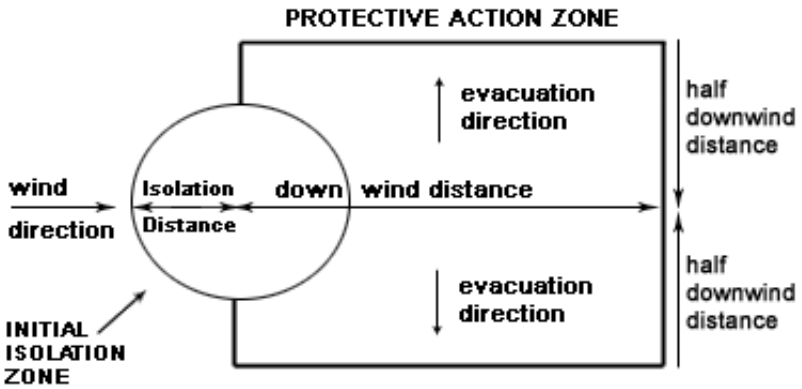
- Clean up waste regularly and abnormal spills immediately.
- Avoid breathing dust and contact with skin and eyes.
- Wear protective clothing, gloves, safety glasses and dust respirator.
- Use dry clean up procedures and avoid generating dust.
- Vacuum up or sweep up. NOTE: Vacuum cleaner must be fitted with an exhaust micro filter (HEPA type) (consider explosion-proof machines designed to be grounded during storage and use).
- Dampen with water to prevent dusting before sweeping.
- Place in suitable containers for disposal.

MAJOR SPILLS

■

- Clear area of personnel and move upwind.
- Alert Emergency Responders and tell them location and nature of hazard.
- Wear full body protective clothing with breathing apparatus.
- Prevent, by any means available, spillage from entering drains or water course.
- Stop leak if safe to do so.
- Contain spill with sand, earth or vermiculite.
- Collect recoverable product into labeled containers for recycling.
- Neutralize/decontaminate residue.
- Collect solid residues and seal in labeled drums for disposal.
- Wash area and prevent runoff into drains.
- After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using.
- If contamination of drains or waterways occurs, advise emergency services.

PROTECTIVE ACTIONS FOR SPILL



From IERG (Canada/Australia)	
Isolation Distance	25 meters
Downwind Protection Distance	250 meters

FOOTNOTES

1 PROTECTIVE ACTION ZONE is defined as the area in which people are at risk of harmful exposure. This zone assumes that random changes in wind direction confines the vapour plume to an area within 30 degrees on either side of the predominant wind direction, resulting in a crosswind protective action distance equal to the downwind protective action distance.
2 PROTECTIVE ACTIONS should be initiated to the extent possible, beginning with those closest to the spill and working away from the site in the downwind direction. Within the protective action zone a level of vapour concentration may exist resulting in nearly all unprotected persons becoming incapacitated and unable to take protective action and/or incurring serious or irreversible health effects.
3 INITIAL ISOLATION ZONE is determined as an area, including upwind of the incident, within which a high probability of localised wind reversal may expose nearly all persons without appropriate protection to life-threatening concentrations of the material.
4 SMALL SPILLS involve a leaking package of 200 litres (55 US gallons) or less, such as a drum (jerrican or box with inner containers). Larger packages leaking less than 200 litres and compressed gas leaking from a small cylinder are also considered "small spills". LARGE SPILLS involve many small leaking packages or a leaking package of greater than 200 litres, such as a cargo tank, portable tank or a "one-tonne" compressed gas cylinder.
5 Guide 151 is taken from the US DOT emergency response guide book.
6 IERG information is derived from CANUTEC - Transport Canada.

ACUTE EXPOSURE GUIDELINE LEVELS (AEGL) (in ppm)

AEGL 1: The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic nonsensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.
AEGL 2: The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.
AEGL 3: The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience life-threatening health effects or death.

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING

■

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.
- DO NOT enter confined spaces until atmosphere has been checked.
- DO NOT allow material to contact humans, exposed food or food utensils.
- Avoid contact with incompatible materials.
- When handling, DO NOT eat, drink or smoke.
- Keep containers securely sealed when not in use.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Launder contaminated clothing before re-use.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.
- Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

Empty containers may contain residual dust which has the potential to accumulate following settling. Such dusts may explode in the presence of an appropriate ignition source.

- Do NOT cut, drill, grind or weld such containers
- In addition ensure such activity is not performed near full, partially empty or empty containers without appropriate workplace safety authorisation or permit.

RECOMMENDED STORAGE METHODS

■

- Lined metal can, Lined metal pail/drum
- Plastic pail
- Polyliner drum
- Packing as recommended by manufacturer.
- Check all containers are clearly labeled and free from leaks.

For low viscosity materials

- Drums and jerricans must be of the non-removable head type.
- Where a can is to be used as an inner package, the can must have a screwed enclosure.

For materials with a viscosity of at least 2680 cSt. (23 deg. C) and solids (between 15 C deg. and 40 deg C.):

- Removable head packaging;
- Cans with friction closures and
- low pressure tubes and cartridges may be used.

- Where combination packages are used, and the inner packages are of glass, there must be sufficient inert cushioning material in contact with inner and outer packages * . - In addition, where inner packagings are glass and contain liquids of packing group I and II there must be sufficient inert absorbent to absorb any spillage *. - * unless the outer packaging is a close fitting molded plastic box and the substances are not incompatible with the plastic.

STORAGE REQUIREMENTS

■

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storing and handling recommendations.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

X X + X X +

X: Must not be stored together
O: May be stored together with specific preventions
+: May be stored together

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m³	STEL ppm	STEL mg/m³	Peak ppm	Peak mg/m³	TWA F/CC	Notes
US - California Permissible Exposure Limits for Chemical Contaminants	DDT (DDT; 1,1,1-trichloro-2,2-bis-(p-chlorophenyl)ethane)		1						
Canada - Ontario Occupational Exposure Limits	DDT (1,1,1-Trichloro-2,2-bis-(p-chlorophenyl)ethane)		1						
US - Minnesota Permissible Exposure Limits (PELs)	DDT (Dichlorodiphenyltrichloroethane (DDT))		1						
US - Idaho - Limits for Air Contaminants	DDT (Dichlorodiphenyltrichloroethane (DDT))		1						
US - Vermont Permissible Exposure Limits Table Z-1-A Final Rule Limits for Air Contaminants	DDT (Dichlorodiphenyltri-chloroethane (DDT))		1						
US - Tennessee Occupational Exposure Limits - Limits For Air Contaminants	DDT (Dichlorodiphenyltrichloroethane (DDT))		1						
US - Vermont Permissible Exposure Limits Table Z-1-A Transitional Limits for Air Contaminants	DDT (Dichlorodiphenyltri-chloroethane (DDT))		1						
US - Alaska Limits for Air Contaminants	DDT (Dichlorodiphenyl-trichloroethane (DDT))		1						
US - Michigan Exposure Limits for Air Contaminants	DDT (Dichlorodiphenyltri-chloroethane(DDT))		1						
US - Hawaii Air Contaminant Limits	DDT (DDT (Dichlorodiphenyl-trichloroethane))		1		3				
Canada - Yukon Permissible Concentrations for Airborne Contaminant Substances	DDT (DDT (Dichlorodiphenyl-trichloroethane))	-	1	-	3				
US - Washington Permissible exposure limits of air contaminants	DDT (DDT (Dichlorodiphenyltri-chloroethane))		1		3				
Canada - Northwest Territories									

Canada - Northwest Territories Occupational Exposure Limits (English)	DDT (DDT (Dichlorodiphenyltrichloroethane))	1	3	
US ACGIH Threshold Limit Values (TLV)	DDT (DDT [Dichlorodiphenyltrichloroethane])	1		TLV Basis: liver damage
US NIOSH Recommended Exposure Limits (RELs)	DDT	0.5		
US OSHA Permissible Exposure Levels (PELs) - Table Z1	DDT (Dichlorodiphenyltrichloroethane (DDT))	1		
Canada - Nova Scotia Occupational Exposure Limits	DDT (DDT [Dichlorodiphenyltrichloroethane])	1		TLV Basis: liver damage
Canada - Prince Edward Island Occupational Exposure Limits	DDT (DDT [Dichlorodiphenyltrichloroethane])	1		TLV Basis: liver damage
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	DDT (Diesel fuel as total hydrocarbons, (vapour))	100	150	Skin
Canada - Alberta Occupational Exposure Limits	DDT (Diesel fuel, as total hydrocarbons)	100		
Canada - Alberta Occupational Exposure Limits	DDT (Kerosene/Jet fuels, as total hydrocarbon vapour)	200		
Canada - Alberta Occupational Exposure Limits	DDT (DDT (Dichlorodiphenyl trichloroethane))	1		
Canada - British Columbia Occupational Exposure Limits	DDT (DDT (Dichloro-diphenyltrichloroethane))	1		2B
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	DDT (DDT (Dichlorodiphenyltrichloro-ethane))	1	3	T20
US - Oregon Permissible Exposure Limits (Z1)	DDT (Dichlorodiphenyltrichloroethane (DDT))	1		
Canada - Quebec Permissible Exposure Values for Airborne Contaminants (English)	DDT (DDT (Dichlorodiphenyltrichloroethane))	1		
US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants	DDT (Dichlorodiphenyltri-chloroethane (DDT))	1		
Canada - British Columbia Occupational Exposure Limits	DDT (Diesel fuel, as total hydrocarbons, Inhalable)	100 (V)		Skin

EMERGENCY EXPOSURE LIMITS

Material	Revised IDLH Value (mg/m3)	Revised IDLH Value (ppm)
DDT	500	

MATERIAL DATA

DDT:

■ for DDT:

The TLV-TWA is thought to provide a wide margin of safety in the prevention of acute poisoning and also is thought to be protective against the significant risk of accumulation in body stores.

Established occupational exposure limits frequently do not take into consideration reproductive end points that are clearly below the thresholds for other toxic effects. Occupational reproductive guidelines (ORGs) have been suggested as an additional standard. These have been established after a literature search for reproductive no-observed-adverse effect-level (NOAEL) and the lowest-observed-adverse-effect-level (LOAEL). In addition the US EPA's procedures for risk assessment for hazard identification and dose-response assessment as applied by NIOSH were used in the creation of such limits. Uncertainty factors (UFs) have also been incorporated.

PERSONAL PROTECTION

Consult your EHS staff for recommendations

EYE

■
- Safety glasses with side shields
- Chemical goggles.
- Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

HANDS/FEET

■ Wear chemical protective gloves, eg. PVC.
Wear safety footwear or safety gumboots, eg. Rubber.
Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:
- frequency and duration of contact,
- chemical resistance of glove material,
- glove thickness and
- dexterity

Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739).
- When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended.
- When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended.
- Contaminated gloves should be replaced.

Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended.

OTHER

■
- Overalls.
- Eyewash unit.
- Barrier cream.
- Skin cleansing cream.

■
- Respirators may be necessary when engineering and administrative controls do not adequately prevent exposures.
- The decision to use respiratory protection should be based on professional judgment that takes into account toxicity information, exposure measurement data, and frequency and likelihood of the worker's exposure - ensure users are not subject to high thermal loads which may result in heat stress or distress due to personal protective equipment (powered, positive flow, full face apparatus may be an option).
- Published occupational exposure limits, where they exist, will assist in determining the adequacy of the selected respiratory . These may be government mandated or vendor recommended.
- Certified respirators will be useful for protecting workers from inhalation of particulates when properly selected and fit tested as part of a complete respiratory protection program.
- Use approved positive flow mask if significant quantities of dust becomes airborne.
- Try to avoid creating dust conditions.

RESPIRATOR

■

Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
10 x PEL	P1	-	PAPR-P1
	Air-line*	-	-
50 x PEL	Air-line**	P2	PAPR-P2
100 x PEL	-	P3	-
		Air-line*	-
100+ x PEL	-	Air-line**	PAPR-P3

* - Negative pressure demand ** - Continuous flow
Explanation of Respirator Codes:
Class 1 low to medium absorption capacity filters.
Class 2 medium absorption capacity filters.
Class 3 high absorption capacity filters.
PAPR Powered Air Purifying Respirator (positive pressure) cartridge.
Type A for use against certain organic gases and vapors.
Type AX for use against low boiling point organic compounds (less than 65ºC).
Type B for use against certain inorganic gases and other acid gases and vapors.
Type E for use against sulfur dioxide and other acid gases and vapors.
Type K for use against ammonia and organic ammonia derivatives
Class P1 intended for use against mechanically generated particulates of sizes most commonly encountered in industry, e.g. asbestos, silica.
Class P2 intended for use against both mechanically and thermally generated particulates, e.g. metal fume.
Class P3 intended for use against all particulates containing highly toxic materials, e.g. beryllium.
The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.
Use appropriate NIOSH-certified respirator based on informed professional judgement. In conditions where no reasonable estimate of exposure can be made, assume the exposure is in a concentration IDLH and use NIOSH-certified full face pressure demand SCBA with a minimum service life of 30 minutes, or a combination full facepiece pressure demand SAR with auxiliary self-contained air supply. Respirators provided only for escape from IDLH atmospheres shall be NIOSH-certified for escape from the atmosphere in which they will be used.

ENGINEERING CONTROLS

■
- Local exhaust ventilation is required where solids are handled as powders or crystals; even when particulates are relatively large, a certain proportion will be powdered by mutual friction.
- Exhaust ventilation should be designed to prevent accumulation and recirculation of particulates in the workplace.
- If in spite of local exhaust an adverse concentration of the substance in air could occur, respiratory protection should be considered. Such protection might consist of:

(a): particle dust respirators, if necessary, combined with an absorption cartridge;
(b): filter respirators with absorption cartridge or canister of the right type;
(c): fresh-air hoods or masks
- Build-up of electrostatic charge on the dust particle, may be prevented by bonding and grounding.

- Powder handling equipment such as dust collectors, dryers and mills may require additional protection measures such as explosion venting.

Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to efficiently remove the contaminant.

Type of Contaminant:	Air Speed:
direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)	1-2.5 m/s (200-500 f/min.)
grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion).	2.5-10 m/s (500-2000 f/min.)

Within each range the appropriate value depends on:

Lower end of the range	Upper end of the range
1: Room air currents minimal or favorable to capture	1: Disturbing room air currents
2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity
3: Intermittent, low production.	3: High production, heavy use
4: Large hood or large air mass in motion	4: Small hood-local control only

Simple theory shows that air velocity falls rapidly with distance away from the opening of a simple extraction pipe. Velocity generally decreases with the square of distance from the extraction point (in simple cases). Therefore the air speed at the extraction point should be adjusted, accordingly, after reference to distance from the contaminating source. The air velocity at the extraction fan, for example, should be a minimum of 4-10 m/s (800-2000 f/min) for extraction of crusher dusts generated 2 meters distant from the extraction point. Other mechanical considerations, producing performance deficits within the extraction apparatus, make it essential that theoretical air velocities are multiplied by factors of 10 or more when extraction systems are installed or used.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES

Solid.
Does not mix with water.

State	Divided solid	Molecular Weight	354.48
Melting Range (°F)	227.3	Viscosity	Not Applicable
Boiling Range (°F)	Not available	Solubility in water (g/L)	Immiscible
Flash Point (°F)	Not Available	pH (1% solution)	Not applicable
Decomposition Temp (°F)	Not Available	pH (as supplied)	Not applicable
Autoignition Temp (°F)	Not available	Vapour Pressure (mmHG)	Not applicable
Upper Explosive Limit (%)	Not Available	Specific Gravity (water=1)	Not available
Lower Explosive Limit (%)	Not Available	Relative Vapor Density (air=1)	Not Applicable
Volatile Component (%vol)	Not applicable	Evaporation Rate	Not applicable
Gas group	IIA		

APPEARANCE

Colourless crystals or white to slightly off-white powder. Odourless or with slight aromatic odour. Insoluble in water; soluble in acetone, benzene, carbon tetrachloride, ether, kerosene, dioxane and pyridine. Since DDT is not biodegradable and is ecologically damaging, its agricultural use in the USA was prohibited in 1973.

Section 10 - CHEMICAL STABILITY

CONDITIONS CONTRIBUTING TO INSTABILITY

■

- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerization will not occur.

STORAGE INCOMPATIBILITY

■

- Avoid strong bases.

Avoid reaction with oxidizing agents.

For incompatible materials - refer to Section 7 - Handling and Storage.

Section 11 - TOXICOLOGICAL INFORMATION

DDT

TOXICITY AND IRRITATION

■ unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

TOXICITY	IRRITATION
Oral (rat) LD50: 87 mg/kg	Nil Reported

Oral (human infant) LDLo: 150 mg/kg
Oral (man) TDLo: 6 mg/kg
Oral (human) TDLo: 16 mg/kg
Oral (human) LDLo: 500 mg/kg
Oral (human) TDLo: 5 mg/kg
Dermal (rat) LD50: 1931 mg/kg
Dermal (rabbit) LD50: 300 mg/kg

■ For DDT:

DDT is moderately to slightly toxic to studied mammalian species via the oral route. Toxicity will vary according to formulation . DDT is readily absorbed through the gastrointestinal tract, with increased absorption in the presence of fats .

One-time administration of DDT to rats at doses of 50 mg/kg led to decreased thyroid function and a single dose of 150 mg/kg led to increased blood levels of liver-produced enzymes and changes in the cellular chemistry in the central nervous system of monkeys. Single doses of 50-160 mg/kg produced tremors in rats, and single doses of 160 mg/kg produced hind leg paralysis in guinea pigs. Mice suffered convulsions following a one-time oral dose of 200 mg/kg. Single administrations of low doses to developing 10- day old mice are reported to have caused subtle effects on their neurological development .

DDT is slightly to practically non-toxic to test animals via the dermal route. It is not readily absorbed through the skin unless it is in solution.

It is thought that inhalation exposure to DDT will not result in significant absorption through the lung alveoli (tiny gas-exchange sacs) but rather that it is probably trapped in mucous secretions and swallowed by exposed individuals following the tracheo-bronchial clearance of secretions by the cilia.

Acute effects likely in humans due to low to moderate exposure may include nausea, diarrhoea, increased liver enzyme activity, irritation (of the eyes, nose or throat), disturbed gait, malaise and excitability; at higher doses, tremors and convulsions are possible. While adults appear to tolerate moderate to high ingested doses of up to 280 mg/kg, a case of fatal poisoning was seen in a child who ingested one ounce of a 5% DDT:kerosene solution.

Chronic toxicity: DDT has caused chronic effects on the nervous system, liver, kidneys,and immune systems in experimental animals. Effects on the nervous system observed in test animals include: tremors in rats at doses of 16-32 mg/kg/day over 26 weeks; tremors in mice at doses of 6.5-13mg/kg/day over 80-140 weeks; changes in cellular chemistry in the central nervous system of monkeys at doses of 10 mg/kg/day over 100 days, and loss of equilibrium in monkeys at doses of 50 mg/kg/day for up to 6 months.

The main effect on the liver seen in animal studies was localized liver damage. This effect was seen in rats given 3.75 mg/kg/day over 36 weeks, rats exposed to 5 mg/kg/day over 2 years and dogs at doses of 80 mg/kg/day over the course of 39 months. In many cases lower doses produced subtle changes in liver cell physiology, and in some cases higher doses produced more severe effects. In mice doses of 8.33 mg/kg/day over 28 days caused increased liver weight and increased liver enzyme activity . Liver enzymes are commonly involved in detoxification of foreign compounds, so it is unclear whether increased liver enzyme activity in itself would constitute an adverse effect. In some species (monkeys and hamsters), doses as high as 8-20 mg/kg/day caused no observed adverse effects over exposure periods as long as 3.5-7 years .

Kidney effects observed in animal studies include adrenal gland hemorrhage in dogs at doses of 138.5 mg/kg/day over 10 days and adrenal gland damage at 50 mg/kg day over 150 days in dogs. Kidney damage was also seen in rats at doses of 10 mg/kg/day over 27 months.

Immunological effects observed in test animals include: reduced antibody formation in mice following administration of 13 mg/kg/day for 3-12 weeks and reduced levels of immune cells in rats at doses of 1 mg/kg/day. No immune system effects were observed in mice at doses of 6.5 mg/kg/day for 3-12 weeks.

Dose levels at which effects were observed in test animals are very much higher than those which may be typically encountered by humans. Due to the persistence of DDT and its metabolites in the environment, very low levels may continue to be detected in foodstuffs grown in some areas of prior use. It has been suggested that, depending on patterns of international DDT use and trade, it is possible that dietary exposure levels may actually increase over time. Persons eating fish contaminated with DDT or metabolites may also be exposed via bioaccumulation of the compound in fish.

Even though current dietary levels are quite low, past and current exposures may result in measurable body burdens due to its persistence in the body. More information on the metabolism and storage of DDT and its metabolites in mammalian systems is provided below (Fate in Humans and Animals).

Adverse effects on the liver, kidney and immune system due to DDT exposure have not been demonstrated in humans in any of the studies which have been conducted to date .

Reproductive Effects: There is evidence that DDT causes reproductive effects in test animals. No reproductive effects were observed in rats at doses of 38 mg/kg/day administered at days 15-19 of gestation. In another study in rats, oral doses of 7.5 mg/kg/day for 36 weeks resulted in sterility . In rabbits, doses of 1 mg/kg/day administered on gestation days 4-7 resulted in decreased fetal weights and 10 mg/kg/day on days 7-9 of gestation resulted in increased resorptions. In mice, doses of 1.67 mg/kg/day resulted in decreased embryo implantation and irregularities in the estrus cycle over 28 weeks. It is thought that many of these observed effects may be the result of disruptions in the endocrine (hormonal) system.

Available epidemiological evidence from two studies does not indicate that reproductive effects have occurred in humans as a result of DDT exposure. No associations between maternal blood levels of DDT and miscarriage nor premature rupture of fetal membranes were observed in two separate studies. One study did report a significant association between maternal DDT blood levels and miscarriage, but the presence of other organochlorine chemicals (e.g., PCBs) in maternal blood which may have accounted for the effect make it impossible to attribute the effect to DDT and its metabolites.

Teratogenic Effects: There is evidence that DDT causes teratogenic effects in test animals as well. In mice, maternal doses of 26 mg/kg/day DDT from gestation through lactation resulted in impaired learning performance in maze tests. In a two-generational study of rats, 10 mg/kg/day resulted in abnormal tail development. Epidemiological evidence regarding the occurrence of teratogenic effects as a result of DDT exposure are unavailable. It seems unlikely that teratogenic effects will occur in humans due to DDT at likely exposure levels.

Mutagenic Effects: The evidence for mutagenicity and genotoxicity is contradictory. In only 1 out of 11 mutagenicity assays in various cell cultures and organisms did DDT show positive results . Results of in vitro and in vivo genotoxicity assays for chromosomal aberrations indicated that DDT was genotoxic in 8 out of 12 cases, and weakly genotoxic in 1 case .

In humans, blood cell cultures of men occupationally exposed to DDT showed an increase in chromosomal damage. In a separate study, significant increases in chromosomal damage were reported in workers who had direct and indirect occupational exposure to DDT . Thus it appears that DDT may have the potential to cause genotoxic effects in humans, but does not appear to be strongly mutagenic. It is unclear whether these effects may occur at exposure levels likely to be encountered by most people.

Carcinogenic Effects: The evidence regarding the carcinogenicity of DDT is equivocal. It has been shown to cause increased tumor production (mainly in the liver and lung) in test animals such as rats, mice and hamsters in some studies but not in others. In rats, liver tumors were induced in three separate studies at doses of 12.5 mg/kg/day over periods of 78 weeks to life, and thyroid tumors were induced at doses of 85 mg/kg/day over 78 weeks. In mice, lifetime doses of 0.4 mg/kg/day resulted in lung tumors in the second generation and leukemia in the third generation; liver tumors were induced at oral doses of 0.26 mg/kg/day in two separate studies over several generations. In hamsters, significant increases in adrenal gland tumors were

seen at doses of 83 mg/kg/day in females (but not males) , and in males (but not females) at doses of 40 mg/kg/day.
In other studies, however, no carcinogenic activity was observed in rats at doses less than 25 mg/kg/day; no carcinogenic activity was seen in mice with at doses of 3-23 mg/kg/day over an unspecified period, and in other hamster studies there have been no indications of carcinogenic effects.
The available epidemiological evidence regarding DDT's carcinogenicity in humans, when taken as a whole, does not suggest that DDT and its metabolites are carcinogenic in humans at likely dose levels. In several epidemiological studies, no significant associations were seen between DDT exposure and disease, but in one other study, a weak association was observed. In this latter study, which found a significant association between long-term, high DDT exposures and pancreatic cancers in chemical workers, there were questions raised as to the reliability of the medical records of a large proportion of the cancer cases.
Organ Toxicity: Acute human exposure data and animal studies reveal that DDT can affect the nervous system, liver, kidney. Increased tumor production in the liver and lung has been observed in test animals. An association with pancreatic cancer was suggested in humans in one study.
Fate in Humans & Animals: DDT is very slowly transformed in animal systems. Initial degradates in mammalian systems are 1,1-dichloro-2,2-bis(p-dichlorodiphenyl)ethylene (DDE) and 1,1-dichloro-2,2-bis(p-chlorophenyl)ethane (DDD), which are very readily stored in fatty tissues. These compounds in turn are ultimately transformed into bis(dichlorodiphenyl) acetic acid (DDA) via other metabolites at a very slow rate. DDA, or conjugates of DDA, are readily excreted via the urine.
Levels of DDT or metabolites may occur in fatty tissues (e.g. fat cells, the brain, etc.) at levels of up to several hundred times that seen in the blood. DDT or metabolites may also be eliminated via mother's milk by lactating women.
WARNING: This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans.
ADI: 0.002 mg/kg/day
NOEL: 0.25 mg/kg/day

CARCINOGEN

DDT [p,p'-DDT]	International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs	Group	2B
Non-arsenical insecticides (occupational exposures in spraying and application of)	International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs	Group	2A
p,p'-Dichlorodiphenyltrichloroethane (DDT)	US EPA Carcinogens Listing	Carcinogenicity	B2
p,p'-Dichlorodiphenyltrichloroethane (DDT)	US ACGIH Threshold Limit Values (TLV) - Carcinogens	Carcinogen Category	B2
DDT [Dichlorodiphenyltrichloroethane]	US ACGIH Threshold Limit Values (TLV) - Carcinogens	Carcinogen Category	A3
DDT	US Environmental Defense Scorecard Recognized Carcinogens	Reference(s)	P65
DDT (TOTAL)	US Environmental Defense Scorecard Recognized Carcinogens	Reference(s)	P65-MC
DDT	US Environmental Defense Scorecard Suspected Carcinogens	Reference(s)	P65
DDT (TOTAL)	US Environmental Defense Scorecard Suspected Carcinogens	Reference(s)	P65-MC
DDT [Dichlorodiphenyltrichloroethane]	US NIOSH Recommended Exposure Limits (RELs) - Carcinogens	Carcinogen	Ca

SKIN

DDT	Canada - Ontario Occupational Exposure Limits - Skin	Notes	Skin
DDT	US AIHA Workplace Environmental Exposure Levels (WEELs) - Skin	Notes	Skin
DDT	Canada - Quebec Permissible Exposure Values for Airborne Contaminants - Skin (French)	Notes	Skin
DDT	US - Tennessee Occupational Exposure Limits - Limits For Air Contaminants - Skin	Skin Designation	X
DDT	US - Vermont Permissible Exposure Limits Table Z-1-A Transitional Limits for Air Contaminants - Skin	Skin Designation	X
DDT	US - Vermont Permissible Exposure Limits Table Z-1-A Final Rule Limits for Air Contaminants - Skin	Skin Designation	X
DDT	US - Washington Permissible exposure limits of air contaminants - Skin	Skin	X
DDT	Canada - British Columbia Occupational Exposure Limits - Skin	Notation	Skin
DDT	US - Minnesota Permissible Exposure Limits (PELs) - Skin	Skin Designation	X
DDT	US - Hawaii Air Contaminant Limits - Skin Designation	Skin Designation	X
DDT	ND	Skin Designation	X
DDT	US OSHA Permissible Exposure Levels (PELs) - Skin	Skin Designation	X
DDT	US - California Permissible Exposure Limits for Chemical Contaminants - Skin	Skin	X
DDT	US - California Permissible Exposure Limits for Chemical Contaminants - Skin	Skin	S
DDT	Canada - Alberta Occupational Exposure Limits - Skin	Substance Interaction	1

Section 12 - ECOLOGICAL INFORMATION

Refer to data for ingredients, which follows:
DDT:

■ Daphnia magna EC50 (48hr.) (mg/l):	0.002- 0.00
■ Half- life Soil - High (hours):	1.40E+05
■ Half- life Soil - Low (hours):	17520

■ Half- life Air - High (hours):	177
■ Half- life Air - Low (hours):	17.7
■ Half- life Surface water - High (hours):	8400
■ Half- life Surface water - Low (hours):	168
■ Half- life Ground water - High (hours):	2.70E+05
■ Half- life Ground water - Low (hours):	384
■ Aqueous biodegradation - Aerobic - High (hours):	1.37E+05
■ Aqueous biodegradation - Aerobic - Low (hours):	17520
■ Aqueous biodegradation - Anaerobic - High (hours):	2400
■ Aqueous biodegradation - Anaerobic - Low (hours):	384
■ Aqueous biodegradation - Removal secondary treatment - High (hours):	100%
■ Photolysis maximum light absorption - High (nano- m):	<282
■ Photooxidation half- life water - High (hours):	8400
■ Photooxidation half- life water - Low (hours):	168
■ Photooxidation half- life air - High (hours):	177
■ Photooxidation half- life air - Low (hours):	17.7
■ First order hydrolysis half- life (hours):	1.94E+05

■ Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
■ Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.
Wastes resulting from use of the product must be disposed of on site or at approved waste sites.
■ For DDT
log Kow : 6.19
Half-life (hr) air: 170
Half-life (hr) H2O surface water: 5500
Half-life (hr) soil: 17000
BCF : 12000-40000
Environmental fate:
Breakdown in Soil and Groundwater: DDT is very highly persistent in the environment, with a reported half life of between 2-15 years and is immobile in most soils. Routes of loss and degradation include runoff, volatilization, photolysis and biodegradation (aerobic and anaerobic). These processes generally occur only very slowly. Breakdown products in the soil environment are DDE and DDD, which are also highly persistent and have similar chemical and physical properties.
Due to its extremely low solubility in water, DDT will be retained to a greater degree by soils and soil fractions with higher proportions of soil organic matter. It may accumulate in the top soil layer in situations where heavy applications are (or were) made annually; e.g., for apples. Generally DDT is tightly sorbed by soil organic matter, but it (along with its metabolites) has been detected in many locations in soil and groundwater where it may be available to organisms. This is probably due to its high persistence; although it is immobile or only very slightly mobile, over very long periods of time it may be able to eventually leach into groundwater, especially in soils with little soil organic matter.
Residues at the surface of the soil are much more likely to be broken down or otherwise dissipated than those below several inches. Studies in Arizona have shown that volatilization losses may be significant and rapid in soils with very low organic matter content (desert soils) and high irradiance of sunlight, with volatilization losses reported as high as 50% in 5 months . In other soils (Hood River and Medford) this rate may be as low as 17- 18% over 5 years . Volatilisation loss will vary with the amount of DDT applied, proportion of soil organic matter, proximity to soil-air interface and the amount of sunlight .
Breakdown of Chemical in Surface Water: DDT may reach surface waters primarily by runoff, atmospheric transport, drift, or by direct application (e.g. to control mosquito-borne malaria). The reported half-life for DDT in the water environment is 56 days in lake water and approximately 28 days in river water . The main pathways for loss are volatilization, photodegradation, adsorption to water-borne particulates and sedimentation. Aquatic organisms, as noted above, also readily take up and store DDT and its metabolites. Field and laboratory studies in the United Kingdom demonstrated that very little breakdown of DDT occurred in estuary sediments over the course of 46 days .
Breakdown of Chemical in Vegetation: DDT does not appear to be taken up or stored by plants to a great extent. It was not translocated into alfalfa or soybean plants, and only trace amounts of DDT or its metabolites were observed in carrots, radishes and turnips all grown in DDT-treated soils . Some accumulation was reported in grain, maize and rice-plants, but little translocation occurred and residues were located primarily in the roots
Ecotoxicity:
Effects on Birds:
Bird dietary LD50: mallard duck 2240 mg/kg, Japanese quail 841 mg/kg, pheasant 1334 mg/kg
Reported dietary LD50s in such species as bobwhite quail, California quail, red-winged blackbird, cardinal, house sparrow, blue jay, sandhill crane and clapper rail also indicate slight toxicity both in acute 5-day trials and over longer periods of up to 100 days In birds, exposure to DDT occurs mainly through the food web through predation on aquatic and/or terrestrial species having body burdens of DDT, such as fish, earthworms and other birds .
There has been much concern over chronic exposure of bird species to DDT and effects on reproduction, especially eggshell thinning and embryo deaths . The mechanisms of eggshell thinning are not fully understood. It is thought that this may occur from the major metabolite, DDE, and that predator species of birds are the most sensitive to these effects . Laboratory studies on bird reproduction have demonstrated the potential of DDT and DDE to cause subtle effects on courtship behavior, delays in pairing and egg laying and decreases in egg weight in ring doves and Bengalese finches . The implications of these for long-term survival and reproduction of wild bird species is unclear.
There is evidence that synergism may be possible between DDT's metabolites and organophosphate (cholinesterase-inhibiting) pesticides to produce greater toxicity to the nervous system and higher mortality Aroclor (polychlorinated biphenyls, or PCBs) may result in additive effects on eggshell thinning .
Effects on Aquatic Species
Fish LC50 (96 h): coho salmon 4 ug/l, rainbow trout 8.7 ug/l, northern pike 2.7 ug/l, black bullhead 4.8 ug/l, bluegill sunfish 8.6 ug/l, largemouth bass 1.5 ug/l, walleye 2.9 ug/l, fathead minnow 21.5 ug/l, channel catfish 12.2 ug/l, largemouth bass 1.5 ug/l, guppy 56 ug/l
DDT is very highly toxic to many aquatic invertebrate species. Reported 96-hour LC50s in various aquatic invertebrates (e.g., stoneflies, midges, crayfish, sow bugs) range from 0.18 ug/L to 7.0 ug/L, and 48-hour LC50s are 4.7 ug/L for daphnids and 15 ug/L for sea shrimp . Other reported 96-hour LC50s for various aquatic invertebrate species are from 1.8 ug/L to 54 ug/L . Early developmental stages are more susceptible than adults to DDT's effects . The reversibility of some effects, as well as the

development of some resistance, may be possible in some aquatic invertebrates .
DDT is very highly toxic to fish species as well. . Observed toxicity in coho and chinook salmon was greater in smaller fish than in larger . It is reported that DDT levels of 1 ng/L were sufficient to affect the hatching of coho salmon eggs DDT may be moderately toxic to some amphibian species and larval stages are probably more susceptible than adults
In addition to acute toxic effects, DDT may bioaccumulate significantly in fish and other aquatic species, leading to long-term exposure. This occurs mainly through uptake from sediment and water into aquatic flora and fauna, and also fish . Fish uptake of DDT from the water will be size-dependent with smaller fish taking up relatively more than larger fish . A half- time for elimination of DDT from rainbow trout was estimated to be 160 days .
The reported bioconcentration factor for DDT is 1,000 to 1,000,000 in various aquatic species, and bioaccumulation may occur in some species at very low environmental concentrations . Bioaccumulation may also result in exposure to species which prey on fish or other aquatic organisms (e.g., birds of prey).
Effects on Other Animals (Nontarget species)
Earthworms are not susceptible to acute effects of DDT and its metabolites at levels higher than those likely to be found in the environment, but they may serve as an exposure source to species that feed on them. DDT is non-toxic to bees; the reported topical LD50 for DDT in honeybees is 27 ug/bee . Laboratory studies indicate that bats may be affected by DDT released from stored body fat during long migratory periods.
■ Outbreaks of poisoning from food contaminated with organochlorines are characterized by headache, nausea, vomiting, restlessness, irritability, vertigo, muscle twitching, confusion, stupor, coma and convulsions.
The organochlorine pesticides are highly soluble in lipids and most organic solvents but have low water solubilities and low vapor pressure.
Adsorption in various soils depends strongly on the presence of soil organic matter. Once adsorbed they do not readily desorb. Such compounds do not as a consequence leach or diffuse in soils and transport to the hydrosphere from contaminated soils will be largely as a result of the erosion of soil particles or sediments, rather than by desorption and dissolution.
When organochlorines are poorly adsorbed, as in sandy soils, vaporization losses are significant. Volatilization from water or soil may also occur.
The actual evaporation rate depends on factors such as temperature, soil properties, soil water content and other physicochemical properties such as water solubility and degree of adsorption. The importance of soil moisture in volatilization led to the use of the term "co-distillation".
The effect observed in soil however is more accurately described as displacement of the sorbed pesticides by water molecules. As a result compounds which otherwise possess low water solubility are quite volatile from water.
Degradation of the organochlorines is slow compared to other classes of insecticide and in soil and water is due mainly to the action of micro- organisms. Pathways include dechlorination and dehydrochlorination. Oxidation is only moderately important. Epoxidations and rearrangements are common amongst the cyclodiene pesticides. These rearrangement reactions produce complicated "cage-like" structures that are toxic.
Bioaccumulation of the some organochlorines (notably DDT and dieldrin) are higher in aquatic ecosystems than in terrestrial ecosystems. Physicochemical properties such as high lipid solubility, low water solubility and chemical stability are the most significant factors behind such bioaccumulation.
The effects of bioaccumulation are manifest at the top of the food chain where, for example, predatory fish and birds, suffer from acute and chronic toxicity and reproductive failures. Effects may range from obvious toxicity to subtle behavioral changes. Evidence exists that the population effects are reversible with time.
■ DO NOT discharge into sewer or waterways.
■ The material is classified as an ecotoxin* because the Fish LC50 (96 hours) is less than or equal to 0.1 mg/l
* Classification of Substances as Ecotoxic (Dangerous to the Environment)
Appendix 8, Table 1
Compiler's Guide for the Preparation of International Chemical Safety Cards: 1993 Commission of the European Communities.

Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
DDT	HIGH	HIGH	HIGH	LOW

Section 13 - DISPOSAL CONSIDERATIONS

US EPA Waste Number & Descriptions

B. Component Waste Numbers
When DDT is present as a solid waste as a discarded commercial chemical product, off-specification species, as a container residue, or a spill residue, use EPA waste number U061 (waste code T).

Disposal Instructions

All waste must be handled in accordance with local, state and federal regulations.
¦ Puncture containers to prevent re-use and bury at an authorized landfill.
Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.
A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.
DO NOT allow wash water from cleaning equipment to enter drains. Collect all wash water for treatment before disposal.

- Recycle wherever possible.
- Consult manufacturer for recycling options or consult Waste Management Authority for disposal if no suitable treatment or disposal facility can be identified.
- Dispose of by: Burial in a licensed land-fill or Incineration in a licensed apparatus (after admixture with suitable combustible material)
- Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

Section 14 - TRANSPORTATION INFORMATION

DOT:

Symbols:	None	Hazard class or Division:	6.1
Identification Numbers:	UN2761	PG:	III
Label Codes:	6.1	Special provisions:	IB8, IP3, T1, TP33
Packaging: Exceptions:	153	Packaging: Non-bulk:	213
Packaging: Exceptions:	153	Quantity limitations: Passenger aircraft/rail:	100 kg
Quantity Limitations: Cargo aircraft only:	200 kg	Vessel stowage: Location:	A
Vessel stowage: Other:	40	S.M.P.:	Severe

Hazardous materials descriptions and proper shipping names:
Organochlorine pesticides, solid, toxic

Air Transport IATA:

ICAO/IATA Class:	6.1	ICAO/IATA Subrisk:	None
UN/ID Number:	2761	Packing Group:	III
Special provisions:	A3		

Shipping Name: ORGANOCHLORINE PESTICIDE, SOLID, TOXIC *(CONTAINS DDT)

Maritime Transport IMDG:

IMDG Class:	6.1	IMDG Subrisk:	None
UN Number:	2761	Packing Group:	III
EMS Number:	F-A,S-A	Special provisions:	61 223 274 944
Limited Quantities:	5 kg		

Shipping Name: ORGANOCHLORINE PESTICIDE, SOLID, TOXIC(contains DDT)

Section 15 - REGULATORY INFORMATION

DDT (CAS: 50-29-3) is found on the following regulatory lists;

"Canada - Northwest Territories Occupational Exposure Limits (English)","Canada - Nova Scotia Occupational Exposure Limits","Canada - Ontario Occupational Exposure Limits","Canada - Prince Edward Island Occupational Exposure Limits","Canada - Yukon Permissible Concentrations for Airborne Contaminant Substances","Canada Domestic Substances List (DSL)","Canada Environmental Protection Act (CEPA) 1999 - Schedule 1 Toxic Substances List","Canada Environmental Protection Act (CEPA) 1999 - Schedule 3 Export Control List - Part 2 Substances Subject to Notification or Consent","Canada Environmental Quality Guidelines (EQGs) Water: Aquatic life","Canada Prohibited Toxic Substances (English)","International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs","OECD Representative List of High Production Volume (HPV) Chemicals","OSPAR List of Substances of Possible Concern","United Nations List of Prior Informed Consent Chemicals - French","United Nations List of Prior Informed Consent Chemicals - Spanish","United Nations List of Prior Informed Consent Chemicals (English)","US - Alaska Limits for Air Contaminants","US - California Air Toxics ""Hot Spots"" List (Assembly Bill 2588) Substances for which production, use or other presence must be reported","US - California Environmental Health Standards for the Management of Hazardous Waste - List of Organic Persistent and Bioaccumulative Toxic Substances and Their STLC & TTLC Values","US - California Occupational Safety and Health Regulations (CAL/OSHA) - Hazardous Substances List","US - California Permissible Exposure Limits for Chemical Contaminants","US - California Proposition 65 - Priority List for the Development of MADLs for Chemicals Causing Reproductive Toxicity","US - California Proposition 65 - Reproductive Toxicity","US - Connecticut Hazardous Air Pollutants","US - Hawaii Air Contaminant Limits","US - Idaho - Limits for Air Contaminants","US - Massachusetts Oil & Hazardous Material List","US - Michigan Exposure Limits for Air Contaminants","US - Minnesota Hazardous Substance List","US - Minnesota Permissible Exposure Limits (PELs)","US - New Jersey Right to Know Hazardous Substances","US - Pennsylvania - Hazardous Substance List","US - Rhode Island Hazardous Substance List","US - Tennessee Occupational Exposure Limits - Limits For Air Contaminants","US - Vermont Hazardous Constituents","US - Vermont Hazardous wastes which are Discarded Commercial Chemical Products or Off-Specification Batches of Commercial Chemical Products or Spill Residues of Either","US - Vermont Permissible Exposure Limits Table Z-1-A Final Rule Limits for Air Contaminants","US - Vermont Permissible Exposure Limits Table Z-1-A Transitional Limits for Air Contaminants","US - Washington Class A toxic air pollutants: Known and Probable Carcinogens","US - Washington Dangerous waste constituents list","US - Washington Discarded Chemical Products List - ""U"" Chemical Products","US - Washington Permissible exposure limits of air contaminants","US ACGIH Threshold Limit Values (TLV)","US ACGIH Threshold Limit Values (TLV) - Carcinogens","US ATSDR Minimal Risk Levels for Hazardous Substances (MRLs)","US CERCLA Priority List of Hazardous Substances","US CERCLA Top 20 Priority List of Hazardous Substances","US CWA (Clean Water Act) - List of Hazardous Substances","US CWA (Clean Water Act) - Priority Pollutants","US CWA (Clean Water Act) - Reportable Quantities of Designated Hazardous Substances","US Department of Transportation (DOT) List of Hazardous Substances and Reportable Quantities - Hazardous Substances Other Than Radionuclides","US DOE Temporary Emergency Exposure Limits (TEELs)","US EPA Carcinogens Listing","US EPA National Priorities List - Superfund Chemical Data Matrix (SCDM) - Hazard Ranking System - Hazardous Substance Benchmarks","US National Toxicology Program (NTP) 11th Report Part B. Reasonably Anticipated to be a Human Carcinogen","US NIOSH Recommended Exposure Limits (RELs)","US OSHA Permissible Exposure Levels (PELs) - Table Z1","US RCRA (Resource Conservation & Recovery Act) - Appendix IX to Part 264 Ground-Water Monitoring List 1","US RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261","US RCRA (Resource Conservation & Recovery Act) - List of Hazardous Inorganic and Organic Constituents 1","US RCRA (Resource Conservation & Recovery Act) - List of Hazardous Wastes","US RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards","US Toxic Substances Control Act (TSCA) - Inventory","US TSCA Section 12(b) - List of Chemical Substances Subject to Export Notification Requirements","US

TSCA Section 5(a)(2) - Significant New Use Rules (SNURs)","WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water"

Section 16 - OTHER INFORMATION

LIMITED EVIDENCE

■ Inhalation may produce health damage*.
■ May affect fertility*.
* (limited evidence).

REPRODUCTIVE HEALTH GUIDELINES

■ Established occupational exposure limits frequently do not take into consideration reproductive end points that are clearly below the thresholds for other toxic effects. Occupational reproductive guidelines (ORGs) have been suggested as an additional standard. These have been established after a literature search for reproductive no-observed-adverse effect-level (NOAEL) and the lowest-observed-adverse-effect-level (LOAEL). In addition the US EPA's procedures for risk assessment for hazard identification and dose-response assessment as applied by NIOSH were used in the creation of such limits. Uncertainty factors (UFs) have also been incorporated.

Ingredient	ORG	UF	Endpoint	CR	Adeq TLV
DDT	0.01 mg/m3	1000	R	3	-

■ These exposure guidelines have been derived from a screening level of risk assessment and should not be construed as unequivocally safe limits. ORGS represent an 8-hour time-weighted average unless specified otherwise. CR = Cancer Risk/10000; UF = Uncertainty factor: TLV believed to be adequate to protect reproductive health: LOD: Limit of detection Toxic endpoints have also been identified as: D = Developmental; R = Reproductive; TC = Transplacental carcinogen Jankovic J., Drake F.: A Screening Method for Occupational Reproductive Health Risk: American Industrial Hygiene Association Journal 57: 641-649 (1996).

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■ Classification of the mixture and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
A list of reference resources used to assist the committee may be found at:
www.chemwatch.net/references.

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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Material Safety Data Sheet

ULTRA Scientific · 250 Smith Street · North Kingstown, RI, USA 02852 · 401-294-9400

Product # US-112B **Last Updated: 4/23/2004**

Section I *Product Identification*

Name: Organochlorine Pesticides Mixture

Solvent: acetone

Section II *Composition / Information on Ingredients*

Component	*CAS #*	*% by Wt.*	*LD50*	*OSHA PEL*	*ACGIH TLV*	*RTECS #*	*Codes*
acetone	000067-64-1	95.70164	9750 mg/kg oral rat	1000 ppm	750 ppm	AL3150000	G
aldrin	000309-00-2	0.25284	39 mg/kg oral rat	0.25 mg/m3	0.25 mg/m3	IO2100000	GH
alpha-BHC (alpha-HCH)	000319-84-6	0.25284	500 mg/kg oral rat	N/A	N/A	GV3500000	F
beta-BHC (beta-HCH)	000319-85-7	0.25284	6000 mg/kg oral rat	N/A	N/A	GV4375000	F
delta-BHC (delta-HCH)	000319-86-8	0.25284	1000 mg/kg oral rat	N/A	N/A	GV4550000	
gamma-BHC (lindane)	000058-89-9	0.25284	76 mg/kg oral rat	0.5 mg/m3	0.5 mg/m3	GV4900000	FG
4,4'-DDD	000072-54-8	0.25284	113 mg/kg oral rat	N/A	N/A	KI0700000	DH
4,4'-DDE	000072-55-9	0.25284	880 mg/kg oral rat	N/A	N/A	KV9450000	DH
4,4'-DDT	000050-29-3	0.25284	113 mg/kg oral rat	1 mg/m3	1 mg/m3	KJ3325000	DFH
dieldrin	000060-57-1	0.25284	46 mg/kg oral rat	0.25 mg/m3	0.25 mg/m3	IO1750000	H
endosulfan I	000959-98-8	0.25284	43 mg/kg oral rat	N/A	N/A	RB9275000	
endosulfan II	033213-65-9	0.25284	18 mg/kg oral rat	N/A	N/A	RB9875200	
endosulfan sulfate	001031-07-8	0.25284	N/A	N/A	N/A	N/A	
endrin	000072-20-8	0.25284	7.5 mg/kg oral rat	0.1 mg/m3	0.1 mg/m3	N/A	
endrin aldehyde	007421-93-4	0.25284	500 mg/kg oral rat	N/A	N/A	N/A	
heptachlor	000076-44-8	0.25284	90 mg/kg oral rat	0.5 mg/m3	0.05 mg/m3	PC0700000	DGH
heptachlor epoxide - isomer B	001024-57-3	0.25284	47 mg/kg oral rat	N/A	0.5 mg/m3	PB9450000	DH
methoxychlor	000072-43-5	0.25284	6000 mg/kg oral rat	15 mg/m3	10 mg/m3	N/A	G

Codes: A-OSHA regulated carcinogen; B-IARC Group 1 carcinogen; C-IARC Group 2A carcinogen; D-IARC Group 2B carcinogen; E-NTP Group 1 carcinogen; F-NTP Group 2 carcinogen; G-SARA Title III compound; H-California Proposition 65 compound.

Section III *Hazards Identification*

Contains carcinogen(s) or cancer suspect agent(s)

Toxic; irritant

All chemicals should be considered hazardous - direct physical contact should be avoided.

Section IV *First Aid Measures*

Inhalation: If inhaled, remove to fresh air. Give oxygen, if necessary. Contact a physician.

Skin Contact: In case of skin contact, flush with copious amounts of water. Remove contaminated clothing. Contact a physician.

Eye Contact: In case of eye contact, flush with copious amounts of water, lifting eyelids occasionally. Contact a physician.

Ingestion: If ingested, contact poison center immediately for recommended procedure. Contact a physician.

Section V *Fire Fighting Measures*

Fire and Explosion Hazard Data for Solvent

Fire Hazard: flammable

Extinguishing Media: Carbon dioxide, dry chemical powder, or water spray.

Section VI Accidental Release Measures

Ventilate area of the leak or spill. Wear appropriate personal protective equipment as specified in Section VIII. A leaking bottle, vial, or ampule may be placed in a plastic bag, and normal disposal procedures followed. Take up spilled material with sand or other non-combustible absorbant material, and place in an appropriate container for later disposal. Flush spill area with water.

Section VII Handling and Storage

Do Not Refrigerate

Keep in a tightly closed container, and store in a corrosion proof area.

This product should only be used by persons trained in the safe handling of hazardous chemicals.

Section VIII Exposure Controls / Personal Protection

Ensure that there is adequate ventilation to prevent airborne levels from exceeding recommended exposure limits (see Section II). Use appropriate MSHA/NIOSH approved safety equipment. Wear chemical goggles, face shield, gloves, and chemical resistant clothing, such as a laboratory coat and/or a rubber apron, to prevent contact with eyes, skin, and clothing.

Section IX Physical and Chemical Properties

Physical Data for Solvent

Melting Pt.: -94.9°C	***Boiling Pt.:*** 56.5°C	***Density:*** 0.791
Vapor Pressure: 400 mmHg @ 39.5°C	***Vapor Density:*** 2	***Water Solubility:*** soluble
Appearance: colorless liquid	***Odor:*** mint-like odor	***Flash Point:*** 0°F
Auto-Ignition Temperature: 869°F	***LEL:*** 2.6	***UEL:*** 12.8

Section X Stability and Reactivity

Reactivity Data for Solvent

Stability: stable ***Incompatibilities:*** strong oxidizers

Hazardous Decomposition Products: N/A

Hazardous Effects of Polymerization: none

Section XI Toxicological Information

See Section II for specific toxicological information for the ingredients of this product.

Section XII Ecological Information

No information is available.

Section XIII Disposal Considerations

Recycle, if possible. Any material which cannot be saved for recovery or recycling should be disposed of at an appropriate and approved waste disposal facility. Processing, use, and/or contamination of this product may change waste management requirements. Observe all applicable federal, state, and local environmental regulations concerning disposal.

Section XIV Transport Information

Shipment Type: Dangerous Goods in Excepted Quantity (US DOT Small Quantity Exemption)

UN Number: UN3316 ***Shipping Class:*** 9 ***Packing Group:*** N/A

Section XV Regulatory Information

Warning: This product contains chemicals known to the state of California to cause cancer.

EU Directives Classification

R: 11-36-66-67

Risk Statements: Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

S: 9-16-26

Safety Statements: Keep container in a well-ventilated place. Keep away from sources of ignition -- No smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Section XVI Other Information

The above information is believed to be correct, but does not purport to be all-inclusive. This data should be used only as a guide in handling this material. ULTRA Scientific, Inc., shall not be held liable for any damage resulting from handling or from contact with the above product.

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Material Safety Data Sheet

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Revision Date 03/14/2010
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1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	2-Methylnaphthalene
Product Number	:	45796
Brand	:	Fluka
Company	:	Sigma-Aldrich 3050 Spruce Street SAINT LOUIS MO 63103 USA
Telephone	:	+18003255832
Fax	:	+18003255052
Emergency Phone #	:	(314) 776-6555

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards
Harmful by ingestion.

GHS Label elements, including precautionary statements

Pictogram

Signal word Warning

Hazard statement(s)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification

Health hazard:	2
Flammability:	1
Physical hazards:	0

NFPA Rating

Health hazard:	2
Fire:	1
Reactivity Hazard:	0

Potential Health Effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Ingestion	Harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : β-Methylnaphthalene

Formula : $C_{11}H_{10}$
Molecular Weight : 142.2 g/mol

CAS-No.	EC-No.	Index-No.	Concentration
2-Methylnaphthalene			
91-57-6	202-078-3	-	-

4. FIRST AID MEASURES

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage
Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection
Handle with gloves. For prolonged or repeated contact use protective gloves.

Eye protection
Safety glasses with side-shields conforming to EN166

Skin and body protection
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	solid

Safety data

pH	no data available
Melting point	34.0 - 36.0 °C (93.2 - 96.8 °F)
Boiling point	241.0 - 242.0 °C (465.8 - 467.6 °F)
Flash point	98.0 °C (208.4 °F) - closed cup
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Density	1.00 g/cm3
Water solubility	no data available
Partition coefficient: n-octanol/water	log Pow: 3.80

10. STABILITY AND REACTIVITY

Chemical stability
Stable under recommended storage conditions.

Conditions to avoid
no data available

Materials to avoid
Oxidizing agents

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
LD50 Oral - rat - 1,630 mg/kg

Skin corrosion/irritation
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitization
no data available

Germ cell mutagenicity
no data available

Carcinogenicity

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
no data available

Specific target organ toxicity - single exposure (GHS)
Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (GHS)
no data available

Aspiration hazard
no data available

Potential health effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	Harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.

Signs and Symptoms of Exposure
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information
RTECS: QJ9635000

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish	LC50 - Pimephales promelas (fathead minnow) - 2.5 mg/l
Toxicity to daphnia and other aquatic invertebrates.	Immobilization EC50 - Daphnia magna (Water flea) - 1.5 mg/l - 48 h

Persistence and degradability

Bioaccumulative potential

Bioaccumulation	Oncorhynchus mykiss (rainbow trout) - 28 d Bioconcentration factor (BCF): 23,500

Mobility in soil

no data available

PBT and vPvB assessment
no data available

Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Product
Observe all federal, state, and local environmental regulations.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods

IMDG
UN-Number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2-Methylnaphthalene)
Marine pollutant: No

IATA
UN-Number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (2-Methylnaphthalene)

15. REGULATORY INFORMATION

OSHA Hazards
Harmful by ingestion.

DSL Status
All components of this product are on the Canadian DSL list.

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
2-Methylnaphthalene	91-57-6	

New Jersey Right To Know Components

	CAS-No.	Revision Date
2-Methylnaphthalene	91-57-6	

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Further information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

APG

Analytical Products Group, Inc.

2730 Washington Blvd., Belpre, OH 45714
740-423-4200 800-272-4442 Fax 740-423-5588

Material Safety Data Sheet

Date prepared on: 9/15/95

Last revised on: 1/20/08

Page **1**

Section I: Product Identification

CATALOG NUMBER: 4460,4462,4470,4472,4480,9690,9190	PRODUCT NAME: Pesticides

Section II - Hazardous Ingredients/Identity Information

Chemical Name	CAS Reg. No.	OSHA PEL (TWA)	% Composition*
Acetone	67-64-1	750ppm	>99%
A table of the compounds possible in this pesticide standard is attached. Data included in the table are CAS numbers, oral ld50 values for rats and PEL/TWA values if available. Total concentration of all pesticides in the standard is less than .1%.			

Section III - Physical/Chemical Characteristics of Hazardous Ingredients
Acetone

BOILING POINT: 56 C (132 F) @ 760 mm Hg	SPECIFIC GRAVITY: 0.79 (water=1)	
VAPOR PRESSURE: 181 (20 C)	SOLUBILITY IN WATER: Complete	APPEARANCE/ODOR: Clear, colorless liquid, sweet odor (acetone).

Section IV - Fire and Explosion Hazard Data

FLASH POINT (Method used): -18 C (-2 F) Closed Cup	AUTO IGNITION TEMPERATURE: 464 C (869 F)	FLAMMABLE LIMITS	LEL 2.5%	UEL 13%
EXTINGUISHING MEDIA: Use alcohol foam, dry chemical or carbon dioxide (water may be ineffective). Use extinguisher media appropriate for surrounding fire.				
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire exposed containers cool.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may flow along surfaces to distant ignition sources and flash back. Closed containers exposed to heat may explode. Contact with strong oxidizers may cause a fire.				

Section V - Reactivity Data

STABILITY:	Unstable ☐	Stable ☒	Conditions to Avoid: Heat, flame, other sources of ignition.
INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents, strong bases, halogen acids and halogen compounds, caustics, amines and ammonia, chlorine and chlorine compounds, strong acids, esp. sulfuric, and nitric.			
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, toxic fumes of chlorine.			
HAZARDOUS POLYMERIZATION:	May Occur ☐	Will Not Occur ☒	Conditions to Avoid: None Known.

Section VI - Health Hazard Data

ROUTES OF ENTRY	Inhalation? YES	Skin? YES	Ingestion? YES
HEALTH HAZARDS (Acute and Chronic): ACUTE: Irritation of the nose and throat. CHRONIC: Kidney and liver damage.			
COMPONENTS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS: Total of pesticides is less than 1%. Some are on the IARC list.			
SIGNS AND SYMPTOMS OF EXPOSURE: Irritation of skin, eyes, nose and throat. Headache, dizziness, vomiting, nausea, central nervous system depression, low blood pressure and respiratory failure. Prolonged contact may cause dermatitis.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin disorders, eye disorders, and chronic respiratory disease.			
EMERGENCY AND FIRST AID PROCEDURES: Seek medical assistance for treatment, observation and support if necessary. EYE CONTACT: Flush with water, seek medical attention. SKIN CONTACT: Wash with soap and water, use protective creams. INHALATION: Remove to fresh air. If not breathing, give artificial			

respiration. If breathing is difficult, give oxygen and obtain medical assistance. INGESTION: Obtain medical assistance if swallowed. If conscious, give large amounts of water and induce vomiting.

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Diluted standard can be absorbed with sand or other non-combustible absorbent material and placed into a container for later disposal. Sample solutions should be absorbed with charcoal or other organic absorbent and incinerated. Flush area with water.
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container tightly closed. Store in a cool, dry, well ventilated, flammable liquid storage area. Isolate from incompatible materials.
OTHER PRECAUTIONS* Do not heat or evaporate analytical standards to dryness.

Section VIII - Control Measures

RESPIRATORY PROTECTION (Please specify): Respiratory protection required if airborne concentration exceeds PEL 750 ppm. At concentrations up to 5000 ppm a chemical cartridge respirator with organic vapor cartridge is recommended. Above this level, a self-contained breathing apparatus is recommended. (20,000 ppm is immediately dangerous to life or health).	
VENTILATION: Local exhaust	
PROTECTIVE GLOVES: Butyl, neoprene, or latex rubber gloves.	EYE PROTECTION: Safety glasses, or goggles.
OTHER PROTECTIVE EQUIPMENT: Impervious Clothing.	
EMERGENCY WASH FACILITIES: Maintain eye wash and quick drench showers in work area.	

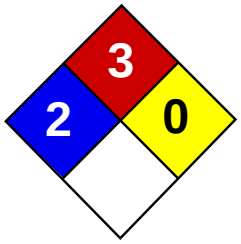
The information stated in this Material Safety Data Sheet (MSDS) is believed to be correct on the date of publication and must not be considered all conclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. Persons not specifically and properly trained should not handle this chemical or its container. This MSDS is provided without any warranty expressed or implied, including merchantability or fitness for any particular purpose.

This product is furnished for laboratory use ONLY! Our standards may not be used as drugs, cosmetics, agricultural or pesticidal products, food additives or as house hold chemicals.

* Various Government agencies (i.e., Department of Transportation, Occupational Safety and Health Administration, Environmental Protection Agency, and others) may have specific regulations concerning the transportation, handling, storage or use of this product which may not be contained herein. The customer or user of this product should be familiar with these regulations.

Hazardous components of the Pesticide Standard

CHEMICAL	**CAS#**	**% by WEIGHT**	**LD50**
Alachlor	15972-60-8	<0.1%	Not Available
Atrazine	1912-24-9	<0.1%	Not Available
DDE	72-55-9	<0.1%	Not Available
DDD	72-54-8	<0.1%	Not Available
DDT	50-29-3	<0.1%	87 mg/kg
Dieldrin	60-57-1	<0.1%	38 mg/kg
Endrin	72-20-8	<0.1%	3 mg/kg
Heptachlor	76-44-8	<0.1%	Not Available
Heptachlor Epoxide	1024-57-3	<0.1%	40 mg/kg
Lindane	58-89-9	<0.1%	76 mg/kg
Aldrin	309-00-2	<0.1%	39 mg/kg
Endosulfan (a)	959-98-9	<0.1%	Not Available
Endosulfan (b)	33213-65-9	<0.1%	Not Available
Endosulfan Sulfate	1031-07-8	<0.1%	Not Available
Endrin Aldehyde	7421-93-4	<0.1%	Not Available
Benzene Hexachloride alpha	319-84-6	<0.1%	Not Available
Benzene Hexachloride beta	319-85-7	<0.1%	Not Available
Benzene Hexachloride delta	319-86-8	<0.1%	Not Available
Methoxychlor	72-43-5	<0.1%	6430 mg/kg
Alpha-chlordane	5103-71-9	<0.1%	500 mg/kg
Gamma-chlordane	5566-34-7	<0.1%	500 mg/kg



Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Xylenes MSDS

Section 1: Chemical Product and Company Identification

Product Name: Xylenes

Catalog Codes: SLX1075, SLX1129, SLX1042, SLX1096

CAS#: 1330-20-7

RTECS: ZE2100000

TSCA: TSCA 8(b) inventory: Xylenes

CI#: Not available.

Synonym: Xylenes; Dimethylbenzene; xylol; methyltoluene

Chemical Name: Xylenes (o-, m-, p- isomers)

Chemical Formula: C6H4(CH3)2

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Xylenes	1330-20-7	100

Toxicological Data on Ingredients: Xylenes: ORAL (LD50): Acute: 4300 mg/kg [Rat]. 2119 mg/kg [Mouse]. DERMAL (LD50): Acute: >1700 mg/kg [Rabbit].

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, liver, mucous membranes, bone marrow, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 464°C (867.2°F)

Flash Points: CLOSED CUP: 24°C (75.2°F). (Tagliabue.) OPEN CUP: 37.8°C (100°F).

Flammable Limits: LOWER: 1% UPPER: 7%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances:
Highly flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks, of heat.

Fire Fighting Media and Instructions:
Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards: Vapors may travel to source of ignition and flash back.

Special Remarks on Explosion Hazards:
Vapors may form explosive mixtures with air. Containers may explode when heated. May polymerize explosively when heated. An attempt to chlorinate xylene with 1,3-Dichloro-5,5-dimethyl-2,4-imidazolidindione (dichlorohydrantoin) caused a violent explosion

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined

areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.

Storage:
Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 100 (ppm) [Canada] TWA: 435 (mg/m3) [Canada] TWA: 434 STEL: 651 (mg/m3) from ACGIH (TLV) [United States] TWA: 100 STEL: 150 (ppm) from ACGIH (TLV) [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Sweetish.

Taste: Not available.

Molecular Weight: 106.17 g/mole

Color: Colorless. Clear

pH (1% soln/water): Not available.

Boiling Point: 138.5°C (281.3°F)

Melting Point: -47.4°C (-53.3°F)

Critical Temperature: Not available.

Specific Gravity: 0.864 (Water = 1)

Vapor Pressure: 0.9 kPa (@ 20°C)

Vapor Density: 3.7 (Air = 1)

Volatility: Not available.

Odor Threshold: 1 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 3.1

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Insoluble in cold water, hot water. Miscible with absolute alcohol, ether, and many other organic liquids.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources, incompatibles

Incompatibility with various substances: Reactive with oxidizing agents, acids.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Store away from acetic acid, nitric acid, chlorine, bromine, and fluorine.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 2119 mg/kg [Mouse]. Acute dermal toxicity (LD50): >1700 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 5000 4 hours [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: blood, kidneys, liver, mucous membranes, bone marrow, central nervous system (CNS).

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals:
Lowest Lethal Dose: LDL [Human] - Route: Oral; Dose: 50 mg/kg LCL [Man] - Route: Oral; Dose: 10000 ppm/6H

Special Remarks on Chronic Effects on Humans:
Detected in maternal milk in human. Passes through the placental barrier in animal. Embryotoxic and/or foetotoxic in animal. May cause adverse reproductive effects (male and femael fertility (spontaneous abortion and fetotoxicity)) and birth defects based animal data.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: Causes skin irritation. Can be absorbed through skin. Eyes: Causes eye irritation. Inhalation: Vapor causes respiratory tract and mucous membrane irritation. May affect central nervous system and behavior (General anesthetic/CNS depressant with effects including headache, weakness, memory loss, irritability, dizziness, giddiness, loss of coordination and judgement, respiratory depression/arrest or difficulty breathing, loss of appetite, nausea, vomiting, shivering, and possible coma and death). May also affects blood, sense organs, liver, and peripheral nerves. Ingestion: May cause gastrointestinal irritation including abdominal pain, vomiting, and nausea. May also affect liver and urinary system/ kidneys. May cause effects similar to those of acute inhalation. Chronic Potential Health Effects: Chronic inhalation may affect the urinary system (kidneys) blood (anemia), bone marrow (hyperplasia of bone marrow) brain/behavior/Central Nervous system. Chronic inhalation may alsocause mucosal bleeding. Chronic ingestion may affect the liver and metabolism (loss of appetite) and may affect urinary system (kidney damage)

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Xylenes UNNA: 1307 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut hazardous material survey.: Xylenes Illinois chemical safety act: Xylenes New York acutely hazardous substances: Xylenes Rhode Island RTK hazardous substances: Xylenes Pennsylvania RTK: Xylenes Minnesota: Xylenes Michigan critical material: Xylenes Massachusetts RTK: Xylenes Massachusetts spill list: Xylenes New Jersey: Xylenes New Jersey spill list: Xylenes Louisiana spill reporting: Xylenes California Director's List of Hazardous Substances: Xylenes TSCA 8(b) inventory: Xylenes SARA 302/304/311/312 hazardous chemicals: Xylenes SARA 313 toxic chemical notification and release reporting: Xylenes CERCLA: Hazardous substances.: Xylenes: 100 lbs. (45.36 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R10- Flammable. R21- Harmful in contact with skin. R36/38- Irritating to eyes and skin. S2- Keep out of the reach of children. S36/37- Wear suitable protective clothing and gloves. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/11/2005 12:54 PM

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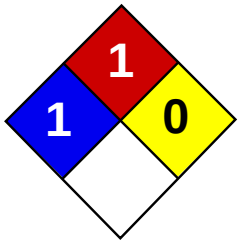

Health	1
Fire	0
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Vanadium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Vanadium

Catalog Codes: SLV1306

CAS#: 7440-62-2

RTECS: YW1355000

TSCA: TSCA 8(b) inventory: Vanadium

CI#: Not applicable.

Synonym:

Chemical Name: Vanadium

Chemical Formula: V

Contact Information:

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14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Vanadium	7440-62-2	100

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Non-flammable in presence of open flames and sparks, of shocks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Powdered Vanadium explodes with chlorine, even at 0 deg. C.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: TWA: 1 STEL: 3 (mg/m3) from NIOSH [United States] Inhalation (Fume or Dust)Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 50.94 g/mole

Color: Grey. Grayish white. (Light.)

pH (1% soln/water): Not applicable.

Boiling Point: 3380°C (6116°F)

Melting Point: 1917°C (3482.6°F)

Critical Temperature: Not available.

Specific Gravity: 6.11 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Violent reaction with bromine trifluoride, chlorine, lithium, oxidants

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Not available.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: May cause cancer based on animal test data

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: It can cause skin irritation. Eyes: Dust can cause eye irritation. Inhalation: It can irritate the nose, throat, and lungs causing coughing, wheezing and/or shortness of breath. Ingestion: Low hazard. Low toxicity. It may nausea, vomiting abdominal pain, and greenish discoloration of the tongue. It may also affect behavior/central nervous system and cause headache, dizziness, tremors. Chronic Potential health Effects: Ingestion: Prolonged or repeated ingestion may cause weight loss, and may cause kidney damage. It may also affect the blood and cause anemia. Inhalation: Prolonged or repeated inhalation may irritate the lungs. It may also cause bronchitis to develop with cough, phlegm, and/or shortness of breath. It may also cause an asthma-like allergy. Future exposure may cause asthma attacks with shortness of breath, wheezing, cough, and/or chest tightness.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Vanadium Massachusetts RTK: Vanadium New Jersey: Vanadium New Jersey spill list: Vanadium California Director's List of Hazardous Materials: Vanadium TSCA 8(b) inventory: Vanadium SARA 313 toxic chemical notification and release reporting: Vanadium

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
The classification of this product has not been validated yet by the Service du repertoire toxicologique.

DSCL (EEC):
This product is not classified according to the EU regulations. Not applicable.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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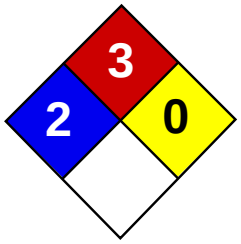

Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Toluene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Toluene

Catalog Codes: SLT2857, SLT3277

CAS#: 108-88-3

RTECS: XS5250000

TSCA: TSCA 8(b) inventory: Toluene

CI#: Not available.

Synonym: Toluol, Tolu-Sol; Methylbenzene; Methacide; Phenylmethane; Methylbenzol

Chemical Name: Toluene

Chemical Formula: C6-H5-CH3 or C7-H8

Contact Information:

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Houston, Texas 77396

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International Sales: **1-281-441-4400**

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CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Toluene	108-88-3	100

Toxicological Data on Ingredients: Toluene: ORAL (LD50): Acute: 636 mg/kg [Rat]. DERMAL (LD50): Acute: 14100 mg/kg [Rabbit]. VAPOR (LC50): Acute: 49000 mg/m 4 hours [Rat]. 440 ppm 24 hours [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, the nervous system, liver, brain, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 480°C (896°F)

Flash Points: CLOSED CUP: 4.4444°C (40°F). (Setaflash) OPEN CUP: 16°C (60.8°F).

Flammable Limits: LOWER: 1.1% UPPER: 7.1%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances:
Flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
Flammable liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards:
Toluene forms explosive reaction with 1,3-dichloro-5,5-dimethyl-2,4-imidazolididione; dinitrogen tetraoxide; concentrated nitric acid, sulfuric acid + nitric acid; N2O4; AgClO4; BrF3; Uranium hexafluoride; sulfur dichloride. Also forms an explosive mixture with tetranitromethane.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Toxic flammable liquid, insoluble or very slightly soluble in water. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

Storage:
Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 200 STEL: 500 CEIL: 300 (ppm) from OSHA (PEL) [United States] TWA: 50 (ppm) from ACGIH (TLV) [United States] SKIN TWA: 100 STEL: 150 from NIOSH [United States] TWA: 375 STEL: 560 (mg/m3) from NIOSH [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Sweet, pungent, Benzene-like.

Taste: Not available.

Molecular Weight: 92.14 g/mole

Color: Colorless.

pH (1% soln/water): Not applicable.

Boiling Point: 110.6°C (231.1°F)

Melting Point: -95°C (-139°F)

Critical Temperature: 318.6°C (605.5°F)

Specific Gravity: 0.8636 (Water = 1)

Vapor Pressure: 3.8 kPa (@ 25°C)

Vapor Density: 3.1 (Air = 1)

Volatility: Not available.

Odor Threshold: 1.6 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 2.7

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether, acetone.

Solubility:
Soluble in diethyl ether, acetone. Practically insoluble in cold water. Soluble in ethanol, benzene, chloroform, glacial acetic acid, carbon disulfide. Solubility in water: 0.561 g/l @ 25 deg. C.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources (flames, sparks, static), incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Incompatible with strong oxidizers, silver perchlorate, sodium difluoride, Tetranitromethane, Uranium Hexafluoride. Frozen Bromine Trifluoride reacts violently with Toluene at -80 deg. C. Reacts chemically with nitrogen oxides, or halogens to form nitrotoluene, nitrobenzene, and nitrophenol and halogenated products, respectively.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 636 mg/kg [Rat]. Acute dermal toxicity (LD50): 14100 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 440 24 hours [Mouse].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: blood, kidneys, the nervous system, liver, brain, central nervous system (CNS).

Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals:
Lowest Published Lethal Dose: LDL [Human] - Route: Oral; Dose: 50 mg/kg LCL [Rabbit] - Route: Inhalation; Dose: 55000 ppm/40min

Special Remarks on Chronic Effects on Humans:
Detected in maternal milk in human. Passes through the placental barrier in human. Embryotoxic and/or foetotoxic in animal. May cause adverse reproductive effects and birth defects (teratogenic). May affect genetic material (mutagenic)

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Causes mild to moderate skin irritation. It can be absorbed to some extent through the skin. Eyes: Cauess mild to moderate eye irritation with a burning sensation. Splash contact with eyes also causes conjunctivitis, blepharospasm, corneal edema, corneal abraisons. This usually resolves in 2 days. Inhalation: Inhalation of vapor may cause respiratory tract irritation causing coughing and wheezing, and nasal discharge. Inhalation of high concentrations may affect behavior and cause central nervous system effects characterized by nausea, headache, dizziness, tremors, restlessness, lightheadedness, exhilaration, memory loss, insomnia, impaired reaction time, drowsiness, ataxia, hallucinations, somnolence, muscle contraction or spasticity, unconsciousness and coma. Inhalation of high concentration of vapor may also affect the cardiovascular system (rapid heart beat, heart palpitations, increased or decreased blood pressure, dysrhythmia,), respiration (acute pulmonary edema, respiratory depression, apnea, asphyxia), cause vision disturbances and dilated pupils, and cause loss of appetite. Ingestion: Aspiration hazard. Aspiration of Toluene into the lungs may cause chemical pneumonitis. May cause irritation of the digestive tract with nausea, vomiting, pain. May have effects similar to that of acute inhalation. Chronic Potential Health Effects: Inhalation and Ingestion: Prolonged or repeated exposure via inhalation may cause central nervous system and cardiovascular symptoms similar to that of acute inhalation and ingestion as well liver damage/failure, kidney damage/failure (with hematuria, proteinuria, oliguria, renal tubular acidosis), brain damage, weight loss, blood (pigmented or nucleated red blood cells, changes in white blood cell count), bone marrow changes, electrolyte imbalances (Hypokalemia, Hypophostatemia), severe, muscle weakness and Rhabdomyolysis. Skin: Repeated or prolonged skin contact may cause defatting dermatitis.

Section 12: Ecological Information

Ecotoxicity:
Ecotoxicity in water (LC50): 313 mg/l 48 hours [Daphnia (daphnia)]. 17 mg/l 24 hours [Fish (Blue Gill)]. 13 mg/l 96 hours [Fish (Blue Gill)]. 56 mg/l 24 hours [Fish (Fathead minnow)]. 34 mg/l 96 hours [Fish (Fathead minnow)]. 56.8 ppm any hours [Fish (Goldfish)].

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Toluene UNNA: 1294 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Toluene California prop. 65 (no significant risk level): Toluene: 7 mg/day (value) California prop. 65 (acceptable daily intake level): Toluene: 7 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Toluene Connecticut hazardous material survey.: Toluene Illinois

toxic substances disclosure to employee act: Toluene Illinois chemical safety act: Toluene New York release reporting list: Toluene Rhode Island RTK hazardous substances: Toluene Pennsylvania RTK: Toluene Florida: Toluene Minnesota: Toluene Michigan critical material: Toluene Massachusetts RTK: Toluene Massachusetts spill list: Toluene New Jersey: Toluene New Jersey spill list: Toluene Louisiana spill reporting: Toluene California Director's List of Hazardous Substances.: Toluene TSCA 8(b) inventory: Toluene TSCA 8(d) H and S data reporting: Toluene: Effective date: 10/04/82; Sunset Date: 10/0/92 SARA 313 toxic chemical notification and release reporting: Toluene CERCLA: Hazardous substances.: Toluene: 1000 lbs. (453.6 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R11- Highly flammable. R20- Harmful by inhalation. S16- Keep away from sources of ignition - No smoking. S25- Avoid contact with eyes. S29- Do not empty into drains. S33- Take precautionary measures against static discharges.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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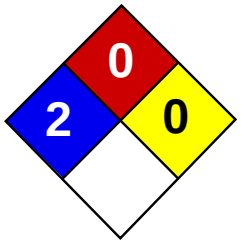

Health	3
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet
Thallium AA Standard MSDS

Section 1: Chemical Product and Company Identification

Product Name: Thallium AA Standard

Catalog Codes: SLT3676

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Thallium; Nitric acid, 70%; Water

CI#: Not applicable.

Synonym:

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Thallium	7440-28-0	0.1
Water	7732-18-5	98.5
Nitric acid, fuming	7697-37-2	1.4

Toxicological Data on Ingredients: Thallium LD50: Not available. LC50: Not available. Nitric acid, fuming: VAPOR (LC50): Acute: 67 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (corrosive, permeator). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Non-sensitizer for skin. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC

EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to blood, kidneys, lungs, the nervous system, liver, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:
If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive to explosive in presence of reducing materials, of combustible materials, of organic materials.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

Large Spill:
Corrosive liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage: Corrosive materials should be stored in a separate safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
Thallium TWA: 0.1 (mg/m3) from ACGIH Nitric acid, fuming TWA: 2 CEIL: 4 (ppm) TWA: 5 CEIL: 10 (mg/m3) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Not available.

pH (1% soln/water): Acidic.

Boiling Point: The lowest known value is 82.6°C (180.7°F) (Nitric acid, fuming). Weighted average: 99.76°C (211.6°F)

Melting Point: May start to solidify at -41.6°C (-42.9°F) based on data for: Nitric acid, fuming.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 1 (Water = 1)

Vapor Pressure:
The highest known value is 45 mm of Hg (@ 20°C) (Nitric acid, fuming). Weighted average: 17.92 mm of Hg (@ 20°C)

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: The highest known value is 0.29 ppm (Nitric acid, fuming)

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water.

Solubility: Easily soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Slightly reactive to reactive with reducing agents, combustible materials, organic materials, metals, acids, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute toxicity of the vapor (LC50): 4786 ppm 4 hour(s) (Rat) (Calculated value for the mixture).

Chronic Effects on Humans: The substance is toxic to blood, kidneys, lungs, the nervous system, liver, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of skin contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (corrosive, permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 8: Corrosive liquid.

Identification: : Nitric Acid Solution (Nitric acid, fuming) : UN2031 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Thallium; Nitric acid, 70% Massachusetts RTK: Thallium; Nitric acid, 70% TSCA 8(b) inventory: Thallium; Nitric acid, 70%; Water SARA 302/304/311/312 extremely hazardous substances: Nitric acid, 70% SARA 313 toxic chemical notification and release reporting: Thallium; Nitric acid, 70% CERCLA: Hazardous substances.: Thallium; Nitric acid, 70%;

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):
R23- Toxic by inhalation. R35- Causes severe burns.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 0

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 12:03 AM

Last Updated: 11/01/2010 12:00 PM

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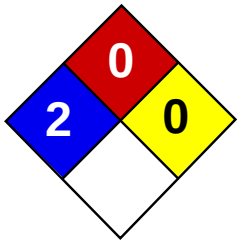

Health	2
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet
Sodium AA Standard MSDS

Section 1: Chemical Product and Company Identification

Product Name: Sodium AA Standard

Catalog Codes: SLS1627

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Sodium; Nitric acid, 70%; Water

CI#: Not applicable.

Synonym:

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Sodium	7440-23-5	0.1
Water	7732-18-5	98.5
Nitric acid, fuming	7697-37-2	1.4

Toxicological Data on Ingredients: Sodium LD50: Not available. LC50: Not available. Nitric acid, fuming: VAPOR (LC50): Acute: 67 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death.

Potential Chronic Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Non-sensitizer for skin. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes.

Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:
If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive to explosive in presence of reducing materials, of combustible materials, of organic materials.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

Large Spill:
Corrosive liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as alkalis. May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

Storage:
May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package. Corrosive materials should be stored in a separate safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
Nitric acid, fuming TWA: 2 CEIL: 4 (ppm) TWA: 5 CEIL: 10 (mg/m3) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Clear Colorless.

pH (1% soln/water): Acidic.

Boiling Point: The lowest known value is 82.6°C (180.7°F) (Nitric acid, fuming). Weighted average: 99.76°C (211.6°F)

Melting Point: May start to solidify at -41.6°C (-42.9°F) based on data for: Nitric acid, fuming.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 1 (Water = 1)

Vapor Pressure:
The highest known value is 45 mm of Hg (@ 20°C) (Nitric acid, fuming). Weighted average: 17.92 mm of Hg (@ 20°C)

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: The highest known value is 0.29 ppm (Nitric acid, fuming)

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Is not dispersed in cold water, hot water.

Solubility: Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances:
Reactive with alkalis. Slightly reactive to reactive with reducing agents, combustible materials, organic materials, metals, acids. Non-reactive with oxidizing agents.

Corrosivity:
Highly corrosive in presence of aluminum, of zinc, of copper. Corrosive in presence of steel. Slightly corrosive to corrosive in presence of stainless steel(304), of stainless steel(316). Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute toxicity of the vapor (LC50): 4786 ppm 4 hour(s) (Rat) (Calculated value for the mixture).

Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes.

Other Toxic Effects on Humans: Hazardous in case of skin contact (corrosive, irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Material is destructive to tissue of the mucous membranes and upper respiratory tract. (Sodium)

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 8: Corrosive liquid.

Identification: : Nitric acid, solution (Nitric acid, fuming) : UN2031 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Sodium; Nitric acid, 70% Massachusetts RTK: Sodium; Nitric acid, 70% TSCA 8(b) inventory: Sodium; Nitric acid, 70%; Water SARA 302/304/311/312 extremely hazardous substances: Nitric acid, 70% SARA 313 toxic chemical notification and release reporting: Nitric acid, 70% CERCLA: Hazardous substances.: Sodium; Nitric acid, 70%;

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):
R23- Toxic by inhalation. R35- Causes severe burns.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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Last Updated: 11/01/2010 12:00 PM

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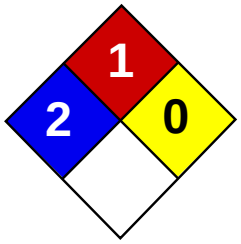

Health	2
Fire	1
Reactivity	0
Personal Protection	J

Material Safety Data Sheet
Silver MSDS

Section 1: Chemical Product and Company Identification

Product Name: Silver

Catalog Codes: SLS4222, SLS2005, SLS3427, SLS1210, SLS2632, SLS4054, SLS1837

CAS#: 7440-22-4

RTECS: VW3500000

TSCA: TSCA 8(b) inventory: Silver

CI#: Not applicable.

Synonym:

Chemical Formula: Ag

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Silver	7440-22-4	100

Toxicological Data on Ingredients: Silver: ORAL (LD50): Acute: 100 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of eye contact (irritant), of ingestion, of inhalation. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact: No known effect on skin contact, rinse with water for a few minutes.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Splash goggles. Lab coat.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 (mg/m3) from OSHA (PEL) TWA: 0.01 (mg/m3) from OSHA NIOSH Australia: TWA: 0.1 (mg/m3)Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Solid metallic powder. Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 107.87 g/mole

Color: Not available.

pH (1% soln/water): Not applicable.

Boiling Point: 2212°C (4013.6°F)

Melting Point: 961°C (1761.8°F)

Critical Temperature: Not available.

Specific Gravity: 10.4 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Is not dispersed in cold water, hot water.

Solubility: Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 100 mg/kg [Mouse].

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Very hazardous in case of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification:

Identification:

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
Rhode Island RTK hazardous substances: Silver Pennsylvania RTK: Silver Minnesota: Silver Massachusetts RTK: Silver New Jersey: Silver TSCA 8(b) inventory: Silver TSCA 8(a) PAIR: Silver TSCA 8(d) H and S data reporting: Silver SARA 313 toxic chemical notification and release reporting: Silver: 1% CERCLA: Hazardous substances.: Silver: 1000 lbs. (453.6 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC): R41- Risk of serious damage to eyes.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: j

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Not applicable. Lab coat. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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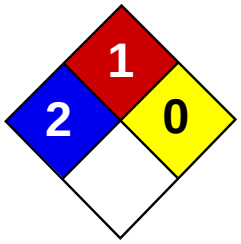

Health	2
Fire	1
Reactivity	0
Personal Protection	C

Material Safety Data Sheet
Pyrene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Pyrene

Catalog Codes: SLP3868

CAS#: 129-00-00

RTECS: UR2450000

TSCA: TSCA 8(b) inventory: Pyrene

CI#: Not available.

Synonym: Benzo(D,E,F)phenanthrene

Chemical Name: Pyrene

Chemical Formula: C16-H10

Contact Information:

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14025 Smith Rd.
Houston, Texas 77396

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Pyrene	129-00-00	100

Toxicological Data on Ingredients: Pyrene: ORAL (LD50): Acute: 2700 mg/kg [Rat]. 800 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances:
Slightly flammable to flammable in presence of heat, of combustible materials. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of heat. Non-explosive in presence of open flames and sparks.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested,

seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F). Preferably refrigerate.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Synthetic apron. Gloves (impervious).

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Crystalline solid. Powdered solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 202.26 g/mole

Color: Yellow.

pH (1% soln/water): Not applicable.

Boiling Point: 404°C (759.2°F)

Melting Point: 151.2°C (304.2°F)

Critical Temperature: Not available.

Specific Gravity: 1.271 @ 23 C (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 4.9

Ionicity (in Water): Not available.

Dispersion Properties:
Is not dispersed in cold water, hot water. See solubility in diethyl ether.

Solubility:
Soluble in diethyl ether. Insoluble in cold water, hot water. Pyrene is fairly soluble in organic solvents. It is soluble in alcohol, benzene, carbon disulfide, ether, petroleum ether, and toluene

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 800 mg/kg [Mouse].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast.

Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
May affect genetic material (mutagenic). May cause cancer (tumorigenic) according to animal data.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: May cause skin irritation. May be absorbed through skin. Eyes: May cause eye irritation. Conjunctival irritation may be noted. Inhalation: May cause respiratory tract irritaiton. Ingestion: May cause gastrointestinal tract irritation. May affect behavior/Central Nervous System (excitation and muscel spasicity), liver and urinary system, and immune system, and blood.

Section 12: Ecological Information

Ecotoxicity: Ecotoxicity in water (LC50): 1.8 mg/l 48 hours [Water flea].

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut carcinogen reporting list.: Pyrene Illinois chemical safety act: Pyrene New York release reporting list: Pyrene Pennsylvania RTK: Pyrene Massachusetts RTK: Pyrene Massachusetts spill list: Pyrene New Jersey: Pyrene New Jersey spill list: Pyrene Louisiana RTK reporting list: Pyrene Louisiana spill reporting: Pyrene California Director's list of Hazardous Substances: Pyrene TSCA 8(b) inventory: Pyrene TSCA 8(a) CAIR: Pyrene TSCA 8(d) H and S data reporting: Pyrene: June 1, 1987-June1, 1997 SARA 302/304/311/312 extremely hazardous substances: Pyrene CERCLA: Hazardous substances.: Pyrene: 5000 lbs. (2268 kg)

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
R20/21/22- Harmful by inhalation, in contact with skin and if swallowed. S2- Keep out of the reach of children. S36/37- Wear suitable protective clothing and gloves. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: C

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves (impervious). Synthetic apron. Not applicable. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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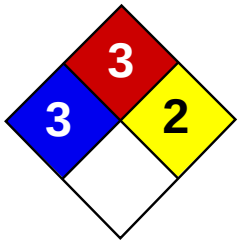

Health	3
Fire	3
Reactivity	3
Personal Protection	J

Material Safety Data Sheet
Potassium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Potassium

Catalog Codes: SLP3316

CAS#: 7440-09-7

RTECS: TS6460000

TSCA: TSCA 8(b) inventory: Potassium

CI#: Not available.

Synonym: Kalium

Chemical Name: Potassium

Chemical Formula: K

Contact Information:

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14025 Smith Rd.
Houston, Texas 77396

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Potassium	7440-09-7	100

Toxicological Data on Ingredients: Potassium LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (corrosive), of eye contact (corrosive). The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, lungs, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact:
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Highly flammable in presence of open flames and sparks, of heat. Flammable in presence of moisture.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Explosive in presence of moisture.

Fire Fighting Media and Instructions:
Flammable solid. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards:
Produces flammable gases on contact with water. May ignite on contact with water or moist air. May ignite spontaneously in air or oxygen. May be ignited by heat, sparks, or flame. Fire will produce irritating, corrosive and/or toxic gases. Burns violently, accompanied by explosions which cause spattering.

Special Remarks on Explosion Hazards:
Can react vigorously or explosively on contact with water. Mixture of solid forms of potassium & carbon dioxide (as dry ice) explodes when subjected to shock. ... Potassium & its alloys form explosive mixtures with carbon tetrachloride / and/...chlorinated hydrocarbons.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Corrosive solid. Flammable solid that, in contact with water, emits flammable gases. Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Cover with dry earth, sand or other non-combustible material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

Section 7: Handling and Storage

Precautions:
Keep container dry. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, organic materials, metals, acids, moisture.

Storage:
Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep from any possible contact with water. Do not allow water to get into container because of violent reaction. Moisture sensitive. Air Sensitive

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Synthetic apron. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor and dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Soft Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 39.102 g/mole

Color: Silvery.-White.

pH (1% soln/water): Not available.

Boiling Point: 765.5°C (1409.9°F)

Melting Point: 63.2°C (145.8°F)

Critical Temperature: Not available.

Specific Gravity: 0.856 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Soluble in liquid ammonia, ethylenediamine, aniline, several metals, forming alloys. Soluble in acid, mercury.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Water, moisture, moist air, incompatible materials, heat, ignition sources

Incompatibility with various substances:
Highly reactive with moisture. Reactive with oxidizing agents, organic materials, metals, acids. The product reacts violently with water to emit flammable but non toxic gases.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Air sensitive. Moisture sensitive. Oxidizes (tarnishes) when exposed to air. Peroxide formation may occur in containers that have been opened and remain in storage. May produce corrosive solutions on contact with water. Extremely dangerous in contact with water or moisture, releasing hydrogen with sufficient heat to cause ignition or explosion. Reacts violently with water, carbon dioxide, carbon tetrachloride. Also incompatible with acids, metal and non-metal halides, halogens, halocarbons, hydrogen iodide, silicates, sulfates, nitrates, carbonates, phosphates, oxides and hydroxides of heavy metals, organics, and Telfon.

Special Remarks on Corrosivity: Corrosive

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans: May cause damage to the following organs: blood, lungs, upper respiratory tract.

Other Toxic Effects on Humans:
Very hazardous in case of skin contact (irritant), of ingestion, . Hazardous in case of skin contact (corrosive), of eye contact (corrosive), of inhalation (lung corrosive).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Potential Health Effects: Skin: Causes severe skin irritation and burns. Eyes: Causes severe eye irritation and burns. Inhalation: Exposure to Potassium fumes can irritate the nose, and throat with sneezing, coughing and sore throat. Potassium

fumes can irritate the lungs. Repeated inhalation of Potassium fumes may cause sores of the inner nose, and bronchitis to develop with cough, phlegm, and/or shortness of breath. Ingestion: May cause severe gastrointestinal tract irritation with nausea, vomiting and possible burns. May cause systemic toxic effects of the heart, liver, and kidneys. It may affect the blood.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 4.3: Dangerous when wet material.

Identification: : Potassium UNNA: 2257 PG: I

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut hazardous material survey.: Potassium Rhode Island RTK hazardous substances: Potassium Pennsylvania RTK: Potassium Massachusetts RTK: Potassium Massachusetts spill list: Potassium New Jersey: Potassium California Director's List of Hazardous Substances: Potassium TSCA 8(b) inventory: Potassium

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-6: Reactive and very flammable material. CLASS E: Corrosive solid.

DSCL (EEC):
R14/15- Reacts violently with water, liberating extremely flammable gases. R34- Causes burns. S8- Keep container dry. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 3

Reactivity: 3

Personal Protection: j

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 3

Reactivity: 2

Specific hazard:

Protective Equipment:
Gloves. Synthetic apron. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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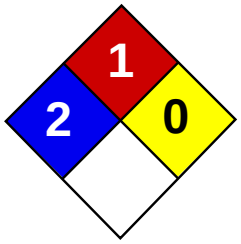

Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Phenanthrene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Phenanthrene

Catalog Codes: SLP1318

CAS#: 85-01-8

RTECS: SF7175000

TSCA: TSCA 8(b) inventory: Phenanthrene

CI#: Not available.

Synonym:

Chemical Name: Not available.

Chemical Formula: C14H10

Contact Information:

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14025 Smith Rd.
Houston, Texas 77396

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International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Phenanthrene	85-01-8	100

Toxicological Data on Ingredients: Phenanthrene: ORAL (LD50): Acute: 700 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: OPEN CUP: 171°C (339.8°F).

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In

case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 178.22 g/mole

Color: Not available.

pH (1% soln/water): Not available.

Boiling Point: 340°C (644°F)

Melting Point: 101°C (213.8°F)

Critical Temperature: Not available.

Specific Gravity: 1.179 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: 6.14 (Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 700 mg/kg [Mouse].

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Phenanthrene

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
R36/38- Irritating to eyes and skin. R43- May cause sensitization by skin contact.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 11:16 AM

Last Updated: 11/01/2010 12:00 PM

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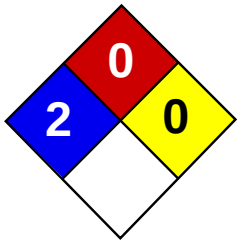

Health	2
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet
Nickel AA Standard MSDS

Section 1: Chemical Product and Company Identification

Product Name: Nickel AA Standard

Catalog Codes: SLN2371

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Nickel; Nitric acid, 70%; Water

CI#: Not applicable.

Synonym:

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Nickel	7440-02-0	0.1
Water	7732-18-5	98.5
Nitric acid, fuming	7697-37-2	1.4

Toxicological Data on Ingredients: Nickel: ORAL (LD50): Acute: 5000 mg/kg [Rat]. 5000 mg/kg [Guinea pig]. Nitric acid, fuming: VAPOR (LC50): Acute: 67 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death.

Potential Chronic Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Non-sensitizer for skin. CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH, 1 (Proven for human.) by IARC, + (PROVEN) by OSHA [Nickel]. Classified 2 (Reasonably anticipated.) by NTP [Nickel]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic

to lungs, the nervous system, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:
If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive to explosive in presence of reducing materials, of combustible materials, of organic materials.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

Large Spill:
Corrosive liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as alkalis. May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

Storage:
May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package. Corrosive materials should be stored in a separate safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
Nickel TWA: 1 (mg/m3) Nitric acid, fuming TWA: 2 CEIL: 4 (ppm) TWA: 5 CEIL: 10 (mg/m3) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Clear)

Odor: Disagreeable and choking.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Clear White or light-green.

pH (1% soln/water): Acidic.

Boiling Point: The lowest known value is 82.6°C (180.7°F) (Nitric acid, fuming). Weighted average: 99.76°C (211.6°F)

Melting Point: May start to solidify at -41.6°C (-42.9°F) based on data for: Nitric acid, fuming.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 1 (Water = 1)

Vapor Pressure:
The highest known value is 45 mm of Hg (@ 20°C) (Nitric acid, fuming). Weighted average: 17.92 mm of Hg (@ 20°C)

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: The highest known value is 0.29 ppm (Nitric acid, fuming)

Water/Oil Dist. Coeff.: The product is insoluble in water and oil.

Ionicity (in Water): Not available.

Dispersion Properties: Is not dispersed in cold water, hot water.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances:
Highly reactive with alkalis. Slightly reactive to reactive with reducing agents, combustible materials, organic materials, metals, acids.

Corrosivity:
Highly corrosive in presence of aluminum, of zinc, of copper. Corrosive in presence of steel. Slightly corrosive to corrosive in presence of stainless steel(304), of stainless steel(316). Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute toxicity of the vapor (LC50): 4786 ppm 4 hour(s) (Rat) (Calculated value for the mixture).

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH, 1 (Proven for human.) by IARC, + (PROVEN) by OSHA [Nickel]. Classified 2 (Reasonably anticipated.) by NTP [Nickel]. The substance is toxic to lungs, the nervous system, mucous membranes.

Other Toxic Effects on Humans: Hazardous in case of skin contact (corrosive, irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 8: Corrosive liquid.

Identification: : Nitric acid, solution (Nitric acid, fuming) : UN2031 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Nickel California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Nickel Pennsylvania RTK: Nickel; Nitric acid, 70% Massachusetts RTK: Nickel; Nitric acid, 70% TSCA 8(b) inventory: Nickel; Nitric acid, 70%; Water SARA 302/304/311/312 extremely hazardous substances: Nitric acid, 70% SARA 313 toxic chemical notification and release reporting: Nickel; Nitric acid, 70% CERCLA: Hazardous substances.: Nickel; Nitric acid, 70%;

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):
R23- Toxic by inhalation. R35- Causes severe burns. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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Last Updated: 11/01/2010 12:00 PM

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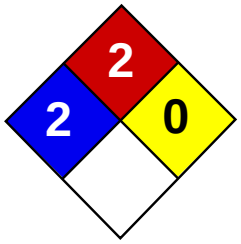

Health	2
Fire	2
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Naphthalene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Naphthalene

Catalog Codes: SLN1789, SLN2401

CAS#: 91-20-3

RTECS: QJ0525000

TSCA: TSCA 8(b) inventory: Naphthalene

CI#: Not available.

Synonym:

Chemical Name: Not available.

Chemical Formula: C10H8

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Naphthalene	91-20-3	100

Toxicological Data on Ingredients: Naphthalene: ORAL (LD50): Acute: 490 mg/kg [Rat]. 533 mg/kg [Mouse]. 1200 mg/kg [Guinea pig]. DERMAL (LD50): Acute: 20001 mg/kg [Rabbit]. VAPOR (LC50): Acute: 170 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of ingestion. Hazardous in case of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (irritant, permeator). Severe over-exposure can result in death.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Classified Development toxin [POSSIBLE]. The substance is toxic to blood, kidneys, the nervous system, the reproductive system, liver, mucous membranes, gastrointestinal tract, upper respiratory tract, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 567°C (1052.6°F)

Flash Points: CLOSED CUP: 88°C (190.4°F). OPEN CUP: 79°C (174.2°F).

Flammable Limits: LOWER: 0.9% UPPER: 5.9%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
Flammable solid. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Flammable solid. Stop leak if without risk. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
Israel: TWA: 10 (ppm) TWA: 10 STEL: 15 (ppm) from ACGIH (TLV) [1995] TWA: 52 STEL: 79 (mg/m3) from ACGIH [1995]
Australia: STEL: 15 (ppm) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Crystalline solid.)

Odor: Aromatic.

Taste: Not available.

Molecular Weight: 128.19 g/mole

Color: White.

pH (1% soln/water): Not available.

Boiling Point: 218°C (424.4°F)

Melting Point: 80.2°C (176.4°F)

Critical Temperature: Not available.

Specific Gravity: 1.162 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: 4.4 (Air = 1)

Volatility: Not available.

Odor Threshold: 0.038 ppm

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties:
Partially dispersed in hot water, methanol, n-octanol. Very slightly dispersed in cold water. See solubility in methanol, n-octanol.

Solubility:
Partially soluble in methanol, n-octanol. Very slightly soluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Highly reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: May attack some forms of rubber and plastic

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 490 mg/kg [Rat]. Acute dermal toxicity (LD50): 20001 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 170 ppm 4 hour(s) [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. DEVELOPMENTAL TOXICITY: Classified Development toxin [POSSIBLE]. The substance is toxic to blood, kidneys, the nervous system, the reproductive system, liver, mucous membranes, gastrointestinal tract, upper respiratory tract, central nervous system (CNS).

Other Toxic Effects on Humans:
Very hazardous in case of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Ecotoxicity in water (LC50): 305.2 ppm 96 hour(s) [Trout].

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 4.1: Flammable solid.

Identification: : Naphthalene, refined : UN1334 PG: III

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
Rhode Island RTK hazardous substances: Naphthalene Pennsylvania RTK: Naphthalene Florida: Naphthalene Minnesota: Naphthalene Massachusetts RTK: Naphthalene TSCA 8(b) inventory: Naphthalene TSCA 8(a) PAIR: Naphthalene TSCA 8(d) H and S data reporting: Naphthalene: 06/01/87 SARA 313 toxic chemical notification and release reporting: Naphthalene: 1% CERCLA: Hazardous substances.: Naphthalene: 100 lbs. (45.36 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-4: Flammable solid. CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):
R36- Irritating to eyes. R40- Possible risks of irreversible effects. R48/22- Harmful: danger of serious damage to health by prolonged exposure if swallowed. R48/23- Toxic: danger of serious damage to health by prolonged exposure through inhalation. R63- Possible risk of harm to the unborn child.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 2

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 2

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/11/2005 01:30 PM

Last Updated: 11/01/2010 12:00 PM

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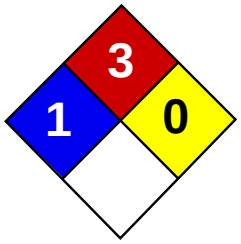

Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Methyl ethyl ketone MSDS

Section 1: Chemical Product and Company Identification

Product Name: Methyl ethyl ketone

Catalog Codes: SLM2626, SLM3232

CAS#: 78-93-3

RTECS: EL6475000

TSCA: TSCA 8(b) inventory: Methyl ethyl ketone

CI#: Not applicable.

Synonym: 2-Butanone

Chemical Name: Methyl Ethyl Ketone

Chemical Formula: C4H8O

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Methyl ethyl ketone	78-93-3	100

Toxicological Data on Ingredients: Methyl ethyl ketone: ORAL (LD50): Acute: 2737 mg/kg [Rat]. 4050 mg/kg [Mouse]. DERMAL (LD50): Acute: 6480 mg/kg [Rabbit]. VAPOR (LC50): Acute: 23500 mg/m 8 hours [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation (lung irritant).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Classified POSSIBLE for human. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 404°C (759.2°F)

Flash Points: CLOSED CUP: -9°C (15.8°F). OPEN CUP: -5.5556°C (22°F) (Tag).

Flammable Limits: LOWER: 1.8% UPPER: 10%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Explosive in presence of oxidizing materials, of acids.

Fire Fighting Media and Instructions:
Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.

Special Remarks on Fire Hazards:
Ignition on contact with potassium t-butoxide. Vapor may cause a flash fire

Special Remarks on Explosion Hazards:
Reaction with Hydrogen Peroxide + nitric acid forms heat and shock-sensitive explosive product. Mixture with 2-propanol will produce explosive peroxides during storage.

Section 6: Accidental Release Measures

Small Spill:
Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Large Spill:
Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined

areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, metals, acids, alkalis.

Storage:
Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 200 STEL: 300 (ppm) from ACGIH (TLV) [United States] [1999] TWA: 150 STEL: 300 (ppm) [Australia] TWA: 590 STEL: 885 (mg/m3) from NIOSH TWA: 200 STEL: 300 (ppm) from NIOSH TWA: 590 STEL: 885 (mg/m3) [Canada] TWA: 200 STEL: 300 (ppm) from OSHA (PEL) [United States] TWA: 590 STEL: 885 (mg/m3) from OSHA (PEL) [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor:
Acetone-like Pleasant. Pungent. Sweetish. (Strong.)

Taste: Not available.

Molecular Weight: 72.12g/mole

Color: Clear Colorless.

pH (1% soln/water): Not available.

Boiling Point: 79.6 (175.3°F)

Melting Point: -86°C (-122.8°F)

Critical Temperature: 262.5°C (504.5°F)

Specific Gravity: 0.805(Water = 1)

Vapor Pressure: 10.3 kPa (@ 20°C)

Vapor Density: 2.41 (Air = 1)

Volatility: Not available.

Odor Threshold: 0.25 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 0.3

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether, acetone.

Solubility: Soluble in cold water, diethyl ether, acetone.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources, mechanical shock, incompatible materials.

Incompatibility with various substances: Reactive with oxidizing agents, metals, acids, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Incompatible with chloroform, copper, hydrogen peroxide, nitric acid, potassium t-butoxide, 2-propanol, chlorosulfonic acid, strong oxidizers, amines, ammonia, inorganic acids, isocyanates, caustics, pyrindines. Vigorous reaction with chloroform +alkali.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 2737 mg/kg [Rat]. Acute dermal toxicity (LD50): 6480 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 32000 mg/m3 4 hours [Mouse].

Chronic Effects on Humans:
MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Classified POSSIBLE for human. May cause damage to the following organs: gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS).

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation (lung irritant).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: May cause birth defects based on animal dats. Embryotoxic and/or foetotoxic in animal.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: Causes skin irritation. May be absorbed through the skin. Eyes: Causes eye irritation. Inhalation: Inhalation of high concentrations may cause central nervous effects characterized by headache, dizziness, unconsciousness, and coma. Causes respiratory tract irritation and affects the sense organs. May affect the liver and urinary system. Ingestion: Causes gastrointestinal tract irritation with nausea, vomiting and diarrhea. May affect the liver. Chronic Potential Health Effects: Chronic inhalation may cause effects similar to those of acute inhalation. Prolonged or repeated skin contact may cause defatting and dermatitis.

Section 12: Ecological Information

Ecotoxicity: Ecotoxicity in water (LC50): 3220 mg/l 96 hours [Fathead Minnow]. 1690 mg/l 96 hours [Bluegill].

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Ethyl methyl ketone UNNA: 1193 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
New York release reporting list: Methyl ethyl ketone Rhode Island RTK hazardous substances: Methyl ethyl ketone Pennsylvania RTK: Methyl ethyl ketone Minnesota: Methyl ethyl ketone Massachusetts RTK: Methyl ethyl ketone New Jersey: Methyl ethyl ketone California Director's list of Hazardous Substances: Methyl ethyl ketone TSCA 8(b) inventory: Methyl ethyl ketone TSCA 8(d) H and S data reporting: Methyl ethyl ketone: Effective: 10/4/82; Sunset: 10/4/92 SARA 313 toxic chemical notification and release reporting: Methyl ethyl ketone CERCLA: Hazardous substances.: Methyl ethyl ketone: 5000 lbs. (2268 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R11- Highly flammable. R36/37- Irritating to eyes and respiratory system. S9- Keep container in a well-ventilated place. S16- Keep away from sources of ignition - No smoking. S25- Avoid contact with eyes. S33- Take precautionary measures against static discharges.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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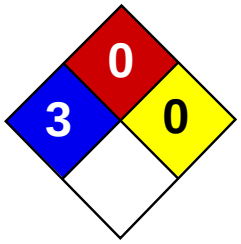

Health	3
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet
Mercury MSDS

Section 1: Chemical Product and Company Identification

Product Name: Mercury

Catalog Codes: SLM3505, SLM1363

CAS#: 7439-97-6

RTECS: OV4550000

TSCA: TSCA 8(b) inventory: Mercury

CI#: Not applicable.

Synonym: Quick Silver; Colloidal Mercury; Metallic Mercury; Liquid Silver; Hydragyrum

Chemical Name: Mercury

Chemical Formula: Hg

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Mercury	7439-97-6	100

Toxicological Data on Ingredients: Mercury LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (corrosive, permeator). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:
Hazardous in case of skin contact (permeator). CARCINOGENIC EFFECTS: Classified A5 (Not suspected for human.) by ACGIH. 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, liver, brain, peripheral nervous system, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation.

Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention immediately.

Skin Contact:
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards:
When thrown into mercury vapor, boron phosphodiiodide ignites at once. Flame forms with chlorine jet over mercury surface at 200 deg to 300 deg C. Mercury undergoes hazardous reactions in the presence of heat and sparks or ignition.

Special Remarks on Explosion Hazards:
A violent exothermic reaction or possible explosion occurs when mercury comes in contact with lithium and rubidium. CHLORINE DIOXIDE & LIQUID HG, WHEN MIXED, EXPLODE VIOLENTLY. Mercury and Ammonia can produce an

explosive compound. A mixture of the dry carbonyl and oxygen will explode on vigorous shaking with mercury. Methyl azide in the presence of mercury was shown to be potentially explosive.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Corrosive liquid. Poisonous liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, metals.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.025 from ACGIH (TLV) [United States] SKIN TWA: 0.05 CEIL: 0.1 (mg/m3) from OSHA (PEL) [United States] Inhalation TWA: 0.025 (mg/m3) [United Kingdom (UK)] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Heavy liquid)

Odor: Odorless.

Taste: Not available.

Molecular Weight: 200.59 g/mole

Color: Silver-white

pH (1% soln/water): Not available.

Boiling Point: 356.73°C (674.1°F)

Melting Point: -38.87°C (-38°F)

Critical Temperature: 1462°C (2663.6°F)

Specific Gravity: 13.55 (Water = 1)

Vapor Pressure: Not available.

Vapor Density: 6.93 (Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents, metals.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Ground mixtures of sodium carbide and mercury, aluminum, lead, or iron can react vigorously. A violent exothermic reaction or possible explosion occurs when mercury comes in contact with lithium and rubidium. Incompatible with boron diiodophosphide; ethylene oxide; metal oxides, metals(aluminum, potassium, lithium, sodium, rubidium); methyl azide; methylsilane, oxygen; oxidants(bromine, peroxyformic acid, chlorine dioxide, nitric acid, tetracarbonynickel, nitromethane, silver perchlorate, chlorates, sulfuric acid, nitrates,); tetracarbonylnickel, oxygen, acetylinic compounds, ammonia, ethylene oxide, methylsiliane, calcium,

Special Remarks on Corrosivity:
The high mobility and tendency to dispersion exhibited by mercury, and the ease with which it forms alloys (amalga) with many laboratory and electrical contact metals, can cause severe corrosion problems in laboratories. Special precautions: Mercury can attack copper and copper alloy materials.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A5 (Not suspected for human.) by ACGIH. 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: blood, kidneys, liver, brain, peripheral nervous system, central nervous system (CNS).

Other Toxic Effects on Humans:
Very hazardous in case of skin contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (corrosive, permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:

May affect genetic material. May cause cancer based on animal data. Passes through the placental barrier in animal. May cause adverse reproductive effects(paternal effects- spermatogenesis; effects on fertility - fetotoxicity, post-implantation mortality), and birth defects.

Special Remarks on other Toxic Effects on Humans:

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Class 8: Corrosive material

Identification: : Mercury UNNA: 2809 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Mercury California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Mercury Connecticut hazardous material survey.: Mercury Illinois toxic substances disclosure to employee act: Mercury Illinois chemical safety act: Mercury New York acutely hazardous substances: Mercury Rhode Island RTK hazardous substances: Mercury Pennsylvania RTK: Mercury Minnesota: Mercury Massachusetts RTK: Mercury New Jersey: Mercury New Jersey spill list: Mercury Louisiana spill reporting: Mercury California Director's List of Hazardous Substances.: Mercury TSCA 8(b) inventory: Mercury SARA 313 toxic chemical notification and release reporting: Mercury CERCLA: Hazardous substances.: Mercury: 1 lbs. (0.4536 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):
R23- Toxic by inhalation. R33- Danger of cumulative effects. R38- Irritating to skin. R41- Risk of serious damage to eyes. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S2- Keep out of the

reach of children. S7- Keep container tightly closed. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39- Wear eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S46- If swallowed, seek medical advice immediately and show this container or label. S60- This material and its container must be disposed of as hazardous waste. S61- Avoid release to the environment. Refer to special instructions/Safety data sheets.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 0

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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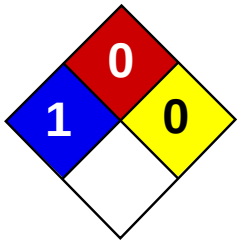

Health	1
Fire	0
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Manganese MSDS

Section 1: Chemical Product and Company Identification

Product Name: Manganese

Catalog Codes: SLM2245

CAS#: 7439-96-5

RTECS: OO9275000

TSCA: TSCA 8(b) inventory: Manganese

CI#: Not available.

Synonym:

Chemical Name: Manganese

Chemical Formula: Mn

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Manganese	7439-96-5	100

Toxicological Data on Ingredients: Manganese: ORAL (LD50): Acute: 9000 mg/kg [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, lungs, brain, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards:
Moderate fire potential, in the form of dust or powder, when exposed to flame. When manganese if heated in the vapor of phosphorus at a very dull red heat, union occurs with incandescence. Concentrated nitric acid reacts with powdered manganese with incandescence and explosion. Powdered manganese ignites in chlorine.

Special Remarks on Explosion Hazards: Moderate explosion potential, in the form of dust or powder, when exposed to flame.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, reducing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.1 (mg/m3) from ACGIH (TLV) [United States] TWA: 5 (mg/m3) [Canada] TWA: 1 STEL: 3 (mg/m3) from NIOSH [United States] TWA: 5 (mg/m3) from OSHA (PEL) [United States]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Odorless.

Taste: Not available.

Molecular Weight: 54.94 g/mole

Color: Grayish white.

pH (1% soln/water): Not applicable.

Boiling Point: 2095°C (3803°F)

Melting Point: 1244°C (2271.2°F)

Critical Temperature: Not available.

Specific Gravity: 7.44 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents, reducing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Superficially oxidized on exposure to air. Reacts with aqueous solutions of sodium or potassium bicarbonate. Reacts with dilute mineral acids with evolution of hydrogen and formation of divalent manganous salts. Reacts with fluorine and chlorine to produce di or tri fluoride, and di and tri chloride, respectively. In the form of powder, it reduces most metallic oxides on heating. On heating, it reacts directly with carbon, phosphorus, antimony, or arsenic. Also incompatible with hydroxides, cyanides, carbonates.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 9000 mg/kg [Rat].

Chronic Effects on Humans: May cause damage to the following organs: blood, lungs, brain, central nervous system (CNS).

Other Toxic Effects on Humans:
Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant), of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
Manganese can cross the placenta. May cause cancer (tumorigenic) based on animal data.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: May cause skin irritaiton Eyes: Dust may cause mechanical irritation. Inhalation: Dust may cause respiratory tract irritation. May cause "Metal Fume Fever" which may include flu-like symptoms (fever, chills, upset stomach, vomiting, weakness, headache, body aches, muscle pains, dry mouth and throat, coughing, tightness of the chest). May affect behavior/Central Nervous system (change in motor activity, torpor, nervousness, tremor, yawning, mood swings, irritability, restlessness, fatigue, headache, apathy, languor, insomnia than somnolence, hallucinations, delusions, uncontrollable laughter followed by crying, compulsions, aggressivness, weakness in legs, memory loss, decreased libido, impotence, salivation, hearing loss, slow gait,), and respiration (dyspnea, shallow respiration, cyanosis, alveolar inflammation). Ingestion: Repeated or prolonged exposure from ingestion may affect brain (degenerative changes), blood and metabolism. Ingestion: May cause digestive tract irritation. There is a low gastrointesitnal absorption of manganese. Chronic Potential Health Effects: Inhalation: Repeated or prolonged exposure from inhalation may affect brain (degeneratiave changes), behavior/Central Nervous system with symptoms to acute exposure. May also affect liver (chronic liver disease, jaundice) Ingestion: Repeated or prolonged exposure from ingestion may affect brain, blood and metabolism

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
Illinois toxic substances disclosure to employee act: Manganese Rhode Island RTK hazardous substances: Manganese Pennsylvania RTK: Manganese Minnesota: Manganese Massachusetts RTK: Manganese New Jersey: Manganese New Jersey spill list: Manganese Louisiana spill reporting: Manganese California Director's List of Hazardous Substances: Manganese TSCA 8(b) inventory: Manganese SARA 313 toxic chemical notification and release reporting: Manganese

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): Not applicable.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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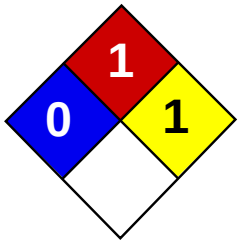

Health	1
Fire	3
Reactivity	2
Personal Protection	E

Material Safety Data Sheet
Magnesium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Magnesium

Catalog Codes: SLM4408, SLM2263, SLM3637

CAS#: 7439-95-4

RTECS: OM2100000

TSCA: TSCA 8(b) inventory: Magnesium

CI#: Not applicable.

Synonym: Magnesium ribbons, turnings or sticks

Chemical Name: Magnesium

Chemical Formula: Mg

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
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For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Magnesium	7439-95-4	100

Toxicological Data on Ingredients: Magnesium LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Highly flammable in presence of open flames and sparks, of heat. Flammable in presence of acids, of moisture. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Explosive in presence of acids, of moisture.

Fire Fighting Media and Instructions:
Flammable solid. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards:
Magnesium turnings, chips or granules, ribbons, are flammable. They can be easily ignited. They may reignite after fire is extinguished. Produces flammable gases on contact with water and acid. May ignite on contact with water or moist air. Magnesium fires do not flare up violently unless moisture is present.

Special Remarks on Explosion Hazards: Reacts with acids and water to form hydrogen gas with is highly flammable and eplosive

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Flammable solid. Stop leak if without risk. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents, acids, moisture.

Storage:
Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Moisture sensitive. Dangerous when wet.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid)

Odor: Odorless.

Taste: Not available.

Molecular Weight: 24.31 g/mole

Color: Silver-white

pH (1% soln/water): Not applicable.

Boiling Point: 1100°C (2012°F)

Melting Point: 651°C (1203.8°F)

Critical Temperature: Not available.

Specific Gravity: 1.74 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Very slightly soluble in hot water. Insoluble in cold water. Insoluble in chromium trioxides, and mineral acids, alkalies. Slightly soluble with decomposition in hot water. Soluble in concentrated hydrogen fluoride, and ammonium salts.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, incompatible materials, water or moisture, moist air.

Incompatibility with various substances: Reactive with oxidizing agents, acids, moisture.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Violent chemical reaction with oxidizing agents. Reacts with water to create hydrogen gas and heat. Must be kept dry. Reacts with acids to form hydrogen gas which is highly flammable and explosive. Magnesium forms hazardous or explosive mixtures with aluminum and potassium perchlorate; ammonium nitrate; barium nitrate, barium dioxide and zinc; beryllium oxide; boron phosphodiiodide; bromobenzyl trifluoride; cadmium cyanide; cadmium oxide; calcium carbide; carbonates; carbon tetrachloride; chlorine; chlorine trifluoride; chloroform; cobalt cyanide; copper cyanide; copper sulfate(anhydrous), ammonium nitrate, potassium chlorate and water; cupric oxide; cupric sulfate; fluorine; gold cyanide; hydrogen and calcium carbonate; hydrogen iodide; hydrogen peroxide; iodine; lead cyanide; mercuric oxide; mercury cyanide; methyl chloride; molybdenum trioxide; nickel cyanide; nitric acid; nitrogen dioxide; oxygen (liquid); performic acid; phosphates; potassium chlorate; potassium perchlorate; silver nitrate; silver oxide; sodium perchlorate; sodium peroxide; sodium peroxide and carbon dioxide; stannic oxide; sulfates; trichloroethylene; zinc cyanide; zinc oxide.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: May cause skin irritation by mechanical action. May get mechanical injury or embedding of chips/particles in skin. The particles that are embedded in the wounds may retard healing. Eyes: May cause eye irritation by mechanical action. Mechanical injury may occur. Particles or chips may embed in eye and retard healing. Inhalation: Low hazard for ususal industrial handling. It may cause respiratory tract irritation. However, it is unlikely due to physical form. When Magnesium metal is heated during welding or smelting process, Metal Fume Fever may result from inhalation of magnesium fumes. Metal Fume Fever is a flu-like condition consisting of fever, chills, sweating, aches, pains, cough, weakness, headache, nausea, vomiting, and breathing difficulty. Other symptoms may include metallic taste, increased white blood cell count. There is no permanent ill-effect. Ingestion: Low hazard for usual industrial handling. There are no known reports of serious industrial poisonings with Magnesium. Ingeston of large amounts of chips, turnings or ribbons may cause gastrointestinal tract irritation with nausea, vomiting, and diarrhea. Acute ingestion may also result in Hypermagnesia. Hypermagnesia may cause hypotension, bradycardia, CNS depression, respiratory depression, and impairment of neuromuscular transmission (hyporeflexia, paralysis).

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 4.1: Flammable solid.

Identification: : Magnesium UNNA: 1869 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut hazardous material survey.: Magnesium Rhode Island RTK hazardous substances: Magnesium Pennsylvania RTK: Magnesium Massachusetts RTK: Magnesium Massachusetts spill list: Magnesium New Jersey: Magnesium TSCA 8(b) inventory: Magnesium

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-4: Flammable solid. CLASS B-6: Reactive and very flammable material.

DSCL (EEC):
R11- Highly flammable. R15- Contact with water liberates extremely flammable gases. S7/8- Keep container tightly closed and dry. S43- In case of fire, use dry chemical. Never use water.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 3

Reactivity: 2

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 1

Reactivity: 1

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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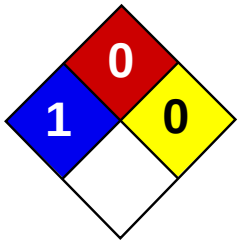

Health	1
Fire	0
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Lead MSDS

Section 1: Chemical Product and Company Identification

Product Name: Lead

Catalog Codes: SLL1291, SLL1669, SLL1081, SLL1459, SLL1834

CAS#: 7439-92-1

RTECS: OF7525000

TSCA: TSCA 8(b) inventory: Lead

CI#: Not available.

Synonym: Lead Metal, granular; Lead Metal, foil; Lead Metal, sheet; Lead Metal, shot

Chemical Name: Lead

Chemical Formula: Pb

Contact Information:

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14025 Smith Rd.
Houston, Texas 77396

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Lead	7439-92-1	100

Toxicological Data on Ingredients: Lead LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (permeator). CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Non-flammable in presence of open flames and sparks, of shocks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits highly toxic fumes of lead.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.05 (mg/m3) from ACGIH (TLV) [United States] TWA: 0.05 (mg/m3) from OSHA (PEL) [United States] TWA: 0.03 (mg/m3) from NIOSH [United States] TWA: 0.05 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 207.21 g/mole

Color: Bluish-white. Silvery. Gray

pH (1% soln/water): Not applicable.

Boiling Point: 1740°C (3164°F)

Melting Point: 327.43°C (621.4°F)

Critical Temperature: Not available.

Specific Gravity: 11.3 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, excess heat

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Can react vigorously with oxidizing materials. Incompatible with sodium carbide, chlorine trifluoride, trioxane + hydrogen peroxide, ammonium nitrate, sodium azide, disodium acetylide, sodium acetylide, hot concentrated nitric acid, hot concentrated hydrochloric acid, hot concentrated sulfuric acid, zirconium.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. May cause damage to the following organs: blood, kidneys, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential: Skin: Lead metal granules or dust: May cause skin irritation by mechanical action. Lead metal foil, shot or sheets: Not likely to cause skin irritation Eyes: Lead metal granules or dust: Can irritate eyes by mechanical action. Lead metal foil, shot or sheets: No hazard. Will not cause eye irritation. Inhalation: In an industrial setting, exposure to lead mainly occurs from inhalation of dust or fumes. Lead dust or fumes: Can irritate the upper respiratory tract (nose, throat) as well as the bronchi and lungsby mechanical action. Lead dust can be absorbed through the respiratory system. However, inhaled lead does not accumulate in the lungs. All of an inhaled dose is eventually abssorbed or transferred to the gastrointestinal tract. Inhalation effects of exposure to fumes or dust of inorganic lead may not develop quickly. Symptoms may include metallic taste, chest pain, decreased physical fitness, fatigue, sleep disturbance, headache, irritability, reduces memory, mood and personality changes, aching bones and muscles, constipation, abdominal pains, decreasing appetite. Inhalation of large amounts may lead to ataxia, deliriuim, convulsions/seizures, coma, and death. Lead metal foil, shot, or sheets: Not an inhalation hazard unless metal is heated. If metal is heated, fumes will be released. Inhalation of these fumes may cause "fume metal fever", which is characterized by flu-like symptoms. Symptoms may include metallic taste, fever, nausea, vomiting, chills, cough, weakness, chest pain, generalized muscle pain/aches, and increased white blood cell count. Ingestion: Lead metal granules or dust: The symptoms of lead poisoning include abdominal pain or cramps (lead cholic), spasms, nausea, vomiting, headache, muscle weakness, hallucinations, distorted perceptions, "lead line" on the gums, metallic taste, loss of appetite, insomnia, dizziness and other symptoms similar to that of inhalation. Acute poisoning may result in high lead levels in the blood and urine, shock, coma and death in extreme cases. Lead metal foil, shot or sheets: Not an ingestion hazard for usual industrial handling.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Lead California prop. 65 (no significant risk level): Lead: 0.0005 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead Connecticut hazardous material survey.: Lead Illinois toxic substances disclosure to employee act: Lead Illinois chemical safety act: Lead New York release reporting list: Lead Rhode Island RTK hazardous substances: Lead Pennsylvania RTK: Lead

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R20/22- Harmful by inhalation and if swallowed. R33- Danger of cumulative effects. R61- May cause harm to the unborn child. R62- Possible risk of impaired fertility. S36/37- Wear suitable protective clothing and gloves. S44- If you feel unwell, seek medical advice (show the label when possible). S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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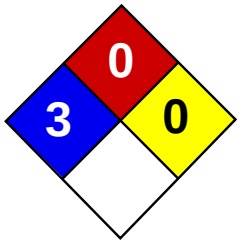

Health	3
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet
Iron AA Standard MSDS

Section 1: Chemical Product and Company Identification

Product Name: Iron AA Standard

Catalog Codes: SLI1690

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Iron; Nitric acid, 70%; Water

CI#: Not applicable.

Synonym:

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Iron	7439-89-6	0.1
Water	7732-18-5	95.5
Nitric acid, fuming	7697-37-2	4.41

Toxicological Data on Ingredients: Iron LD50: Not available. LC50: Not available. Nitric acid, fuming: VAPOR (LC50): Acute: 67 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:
Very hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Non-sensitizer for skin. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes.

Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:
If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive to explosive in presence of reducing materials, of combustible materials, of organic materials.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

Large Spill:
Corrosive liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as alkalis. May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

Storage:
May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package. Corrosive materials should be stored in a separate safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
Nitric acid, fuming TWA: 2 CEIL: 4 (ppm) TWA: 5 CEIL: 10 (mg/m3) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Clear Colorless.

pH (1% soln/water): Acidic.

Boiling Point: The lowest known value is 82.6°C (180.7°F) (Nitric acid, fuming). Weighted average: 99.23°C (210.6°F)

Melting Point: May start to solidify at -41.6°C (-42.9°F) based on data for: Nitric acid, fuming.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 1.02 (Water = 1)

Vapor Pressure:
The highest known value is 45 mm of Hg (@ 20°C) (Nitric acid, fuming). Weighted average: 18.75 mm of Hg (@ 20°C)

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: The highest known value is 0.29 ppm (Nitric acid, fuming)

Water/Oil Dist. Coeff.: The product is insoluble in water and oil.

Ionicity (in Water): Not available.

Dispersion Properties: Is not dispersed in cold water, hot water.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances:
Highly reactive with alkalis. Slightly reactive to reactive with reducing agents, combustible materials, organic materials, metals, acids.

Corrosivity:
Highly corrosive in presence of aluminum, of zinc, of copper. Corrosive in presence of steel. Slightly corrosive to corrosive in presence of stainless steel(304), of stainless steel(316). Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute toxicity of the vapor (LC50): 1519 ppm 4 hour(s) (Rat) (Calculated value for the mixture).

Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes.

Other Toxic Effects on Humans: Very hazardous in case of skin contact (corrosive, irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Nuisance dust. (Iron)

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 8: Corrosive liquid.

Identification: : Nitric acid, solution (Nitric acid, fuming) : UN2031 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Nitric acid, 70% Massachusetts RTK: Nitric acid, 70% TSCA 8(b) inventory: Iron; Nitric acid, 70%; Water SARA 302/304/311/312 extremely hazardous substances: Nitric acid, 70% SARA 313 toxic chemical notification and release reporting: Nitric acid, 70% CERCLA: Hazardous substances.: Nitric acid, 70%;

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):
R23- Toxic by inhalation. R35- Causes severe burns.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 0

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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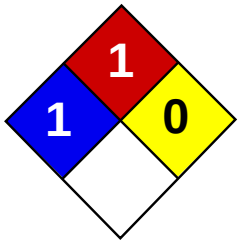

Health	1
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Fluorene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Fluorene

Catalog Codes: SLF1195

CAS#: 86-73-7

RTECS: LL5670000

TSCA: TSCA 8(b) inventory: Fluorene

CI#: Not available.

Synonym: o-Biphenylenemethane

Chemical Formula: C13H10

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Fluorene	86-73-7	100

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects:
Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

Section 4: First Aid Measures

Eye Contact: No known effect on eye contact, rinse with water for a few minutes.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:
Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Leaflets solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 166.21 g/mole

Color: Colorless.

pH (1% soln/water): Not applicable.

Boiling Point: 295°C (563°F)

Melting Point: 116.5°C (241.7°F)

Critical Temperature: Not available.

Specific Gravity: 1.202 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether.

Solubility:
Soluble in diethyl ether. Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:
Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Fluorene Massachusetts RTK: Fluorene TSCA 8(b) inventory: Fluorene CERCLA: Hazardous substances.: Fluorene

Other Regulations: Not available..

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
This product is not classified according to the EU regulations.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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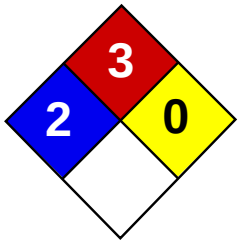

Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Ethylbenzene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Ethylbenzene

Catalog Codes: SLE2044

CAS#: 100-41-4

RTECS: DA0700000

TSCA: TSCA 8(b) inventory: Ethylbenzene

CI#: Not available.

Synonym: Ethyl Benzene; Ethylbenzol; Phenylethane

Chemical Name: Ethylbenzene

Chemical Formula: C8H10

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Ethylbenzene	100-41-4	100

Toxicological Data on Ingredients: Ethylbenzene: ORAL (LD50): Acute: 3500 mg/kg [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (irritant, sensitizer). CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 432°C (809.6°F)

Flash Points:
CLOSED CUP: 15°C (59°F). (Tagliabue.) OPEN CUP: 26.667°C (80°F) (Cleveland) (CHRIS, 2001) CLOSED CUP: 12.8 C (55 F) (Bingham et al, 2001; NIOSH, 2001) CLOSED CUP: 21 C (70 F) (NFPA)

Flammable Limits: LOWER: 0.8% - 1.6%UPPER: 6.7% - 7%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive in presence of heat.

Fire Fighting Media and Instructions:
Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.

Special Remarks on Fire Hazards:
Vapor may travel considerable distance to source of ignition and flash back. Vapors may form explosive mixtures with air. When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Vapors may form explosive mixtures in air.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Sensitive to light. Store in light-resistant containers.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 100 STEL: 125 (ppm) from OSHA (PEL) [United States] TWA: 435 STEL: 545 from OSHA (PEL) [United States] TWA: 435 STEL: 545 (mg/m3) from NIOSH [United States] TWA: 100 STEL: 125 (ppm) from NIOSH [United States] TWA: 100 STEL: 125 (ppm) from ACGIH (TLV) [United States] TWA: 100 STEL: 125 (ppm) [United Kingdom (UK)] TWA: 100 STEL: 125 (ppm) [Belgium] TWA: 100 STEL: 125 (ppm) [Finland] TWA: 50 (ppm) [Norway] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Sweetish. Gasoline-like. Aromatic.

Taste: Not available.

Molecular Weight: 106.16 g/mole

Color: Colorless.

pH (1% soln/water): Not available.

Boiling Point: 136°C (276.8°F)

Melting Point: -94.9 (-138.8°F)

Critical Temperature: 617.15°C (1142.9°F)

Specific Gravity: 0.867 (Water = 1)

Vapor Pressure: 0.9 kPa (@ 20°C)

Vapor Density: 3.66 (Air = 1)

Volatility: 100% (v/v).

Odor Threshold: 140 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 3.1

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether.

Solubility:
Easily soluble in diethyl ether. Very slightly soluble in cold water or practically insoluble in water. Soluble in all proportions in Ethyl alcohol. Soluble in Carbon tetrachloride, Benzene. Insoluble in Ammonia. Slightly soluble in Chloroform. Solubility in Water: 169 mg/l @ 25 deg. C.; 0.014 g/100 ml @ 15 deg. C.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ingnition sources (flames, sparks, static), incompatible materials, light

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity:
Can react vigorously with oxidizing materials. Sensitive to light.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation.

Toxicity to Animals: Acute oral toxicity (LD50): 3500 mg/kg [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. May cause damage to the following organs: central nervous system (CNS).

Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

Special Remarks on Toxicity to Animals:
Lethal Dose/Conc 50% Kill: LD50 [Rabbit] - Route: Skin; Dose: 17800 ul/kg Lowest Published Lethal Dose/Conc: LDL[Rat] - Route: Inhalation (vapor); Dose: 4000 ppm/4 H

Special Remarks on Chronic Effects on Humans:
May cause adverse reproductive effects and birth defects (teratogenic) based on animal test data. May cause cancer based on animals data. IARC evidence for carcinogenicity in animals is sufficient. IARC evidence of carcinogenicity in humans inadequate. May affect genetic material (mutagenic).

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: Can cause mild skin irritation. It can be absorbed through intact skin. Eyes: Contact with vapor or liquid can cause severe eye irritation depending on concentration. It may also cause conjunctivitis. At a vapor exposure level of 85 - 200 ppm , it is mildly and transiently irritating to the eyes; 1000 ppm causes further irritation and tearing; 2000 ppm results in immediate and severe irritation and tearing; 5,000 ppm is intolerable (ACGIH, 1991; Clayton and Clayton, 1994). Standard draize test for eye irritation using 500 mg resulted in severe irritation (RTECS) Inhalation: Exposure to high concentrations can cause nasal, mucous membrane and respiratory tract irritation and can also result in chest constriction and, trouble breathing, respiratory failure, and even death. It can also affect behavior/Central Nervous System. The effective dose for CNS depression in experimental animals was 10,000 ppm (ACGIH, 1991). Symptoms of CNS depression include

headache, nausea, weakness, dizziness, vertigo, irritability, fatigue, lightheadedness, sleepiness, tremor, loss of coordination, judgement and conciousness, coma, and death. It can also cause pulmonary edema. Inhalation of 85 ppm can produce fatigue, insomnia, headache, and mild irritation of the respiratory tract (Haley & Berndt, 1987). Ingestion: Do not drink, pipet or siphon by mouth. May cause gastroinestinal/digestive tract irritation with Abdominal pain, nausea, vomiting. Ethylbenzene is a pulmonary aspiration hazard. Pulmonary aspiration of even small amounts of the liquid may cause fatal pneumonitis. It may also affect behavior/central nervous system with

Section 12: Ecological Information

Ecotoxicity:
Ecotoxicity in water (LC50): 14 mg/l 96 hours [Fish (Trout)] (static). 12.1 mg/l 96 hours [Fish (Fathead Minnow)] (flow-through)]. 150 mg/l 96 hours [Fish (Blue Gill/Sunfish)] (static). 275 mg/l 96 hours [Fish (Sheepshead Minnow)]. 42.3 mg/l 96 hours [Fish (Fathead Minnow)](soft water). 87.6mg/l 96 hours [Shrimp].

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Ethylbenzene UNNA: 1175 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut hazardous material survey.: Ethylbenzene Illinois toxic substances disclosure to employee act: Ethylbenzene Illinois chemical safety act: Ethylbenzene New York release reporting list: Ethylbenzene Rhode Island RTK hazardous substances: Ethylbenzene Pennsylvania RTK: Ethylbenzene Minnesota: Ethylbenzene Massachusetts RTK: Ethylbenzene Massachusetts spill list: Ethylbenzene New Jersey: Ethylbenzene New Jersey spill list: Ethylbenzene Louisiana spill reporting: Ethylbenzene California Director's List of Hazardous Substances: Ethylbenzene TSCA 8(b) inventory: Ethylbenzene TSCA 4(a) proposed test rules: Ethylbenzene TSCA 8(d) H and S data reporting: Ethylbenzene: Effective Date: 6/19/87; Sunset Date: 6/19/97 SARA 313 toxic chemical notification and release reporting: Ethylbenzene

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASSE D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):
R11- Highly flammable. R20- Harmful by inhalation. S16- Keep away from sources of ignition - No smoking. S24/25- Avoid contact with skin and eyes. S29- Do not empty into drains.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References:
-Manufacturer's Material Safety Data Sheet. -Fire Protection Guide to Hazardous Materials, 13th ed., Nationial Fire Protection Association (NFPA) -Registry of Toxic Effects of Chemical Substances (RTECS) -Chemical Hazard Response Information System (CHRIS) -Hazardous Substance Data Bank (HSDB) -New Jersey Hazardous Substance Fact Sheet -Ariel Global View -Reprotext System

Other Special Considerations: Not available.

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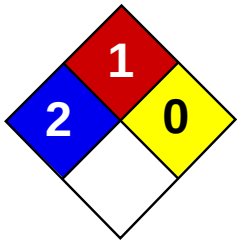

Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Copper MSDS

Section 1: Chemical Product and Company Identification

Product Name: Copper

Catalog Codes: SLC4939, SLC2152, SLC3943, SLC1150, SLC2941, SLC4729, SLC1936, SLC3727, SLC5515

CAS#: 7440-50-8

RTECS: GL5325000

TSCA: TSCA 8(b) inventory: Copper

CI#: Not available.

Synonym:

Chemical Name: Not available.

Chemical Formula: Cu

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Copper	7440-50-8	100

Toxicological Data on Ingredients: Copper LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of ingestion. Hazardous in case of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (irritant).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:
Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If you feel unwell, seek medical attention and show the label when possible.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 1 (mg/m3) from ACGIH [1990] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 63.54 g/mole

Color: Not available.

pH (1% soln/water): Not applicable.

Boiling Point: 2595°C (4703°F)

Melting Point: 1083°C (1981.4°F)

Critical Temperature: Not available.

Specific Gravity: 8.94 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Human: passes through the placenta, excreted in maternal milk.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Copper Massachusetts RTK: Copper TSCA 8(b) inventory: Copper CERCLA: Hazardous substances.: Copper

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC): R36- Irritating to eyes.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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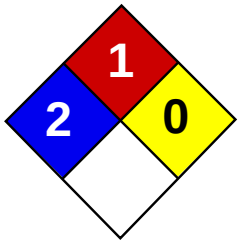

Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Cobalt MSDS

Section 1: Chemical Product and Company Identification

Product Name: Cobalt

Catalog Codes: SLC1684, SLC3475

CAS#: 7440-48-4

RTECS: GF8750000

TSCA: TSCA 8(b) inventory: Cobalt

CI#: Not available.

Synonym:

Chemical Formula: Co

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Cobalt	7440-48-4	100

Toxicological Data on Ingredients: Cobalt: ORAL (LD50): Acute: 6170 mg/kg [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
Hazardous in case of inhalation. CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
Flammable solid. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Flammable solid. Stop leak if without risk. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.05 (mg/m3) from OSHA Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 58.93 g/mole

Color: Not available.

pH (1% soln/water): Not applicable.

Boiling Point: 3100°C (5612°F)

Melting Point: 1493°C (2719.4°F)

Critical Temperature: Not available.

Specific Gravity: 8.92 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 6170 mg/kg [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. The substance is toxic to lungs.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 4.1: Flammable solid.

Identification: : Metal powder, Flammable, n.o.s. (Cobalt metal, powder) : UN3089 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Cobalt California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Cobalt Pennsylvania RTK: Cobalt Massachusetts RTK: Cobalt TSCA 8(b) inventory: Cobalt

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R36/38- Irritating to eyes and skin. R40- Possible risks of irreversible effects.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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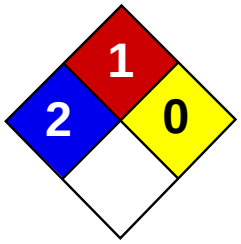

Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Chromium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Chromium

Catalog Codes: SLC4711, SLC3709

CAS#: 7440-47-3

RTECS: GB4200000

TSCA: TSCA 8(b) inventory: Chromium

CI#: Not applicable.

Synonym: Chromium metal; Chrome; Chromium Metal Chips 2" and finer

Chemical Name: Chromium

Chemical Formula: Cr

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Chromium	7440-47-3	100

Toxicological Data on Ingredients: Chromium LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Slightly hazardous in case of ingestion.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to kidneys, lungs, liver, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 580°C (1076°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Moderate fire hazard when it is in the form of a dust (powder) and burns rapidly when heated in flame. Chromium is attacked vigorously by fused potassium chlorate producing vivid incandescence. Pyrophoric chromium unites with nitric oxide with incandescence. Incandescent reaction with nitrogen oxide or sulfur dioxide.

Special Remarks on Explosion Hazards:
Powdered Chromium metal +fused ammonium nitrate may react violently or explosively. Powdered Chromium will explode spontaneously in air.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.5 (mg/m3) from ACGIH (TLV) [United States] TWA: 1 (mg/m3) from OSHA (PEL) [United States] TWA: 0.5 (mg/m3) from NIOSH [United States] TWA: 0.5 (mg/m3) [United Kingdom (UK)] TWA: 0.5 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Odorless.

Taste: Not available.

Molecular Weight: 52 g/mole

Color: Silver-white to Grey.

pH (1% soln/water): Not applicable.

Boiling Point: 2642°C (4787.6°F)

Melting Point: 1900°C (3452°F) +/- !0 deg. C

Critical Temperature: Not available.

Specific Gravity: 7.14 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Insoluble in cold water, hot water. Soluble in acids (except Nitric), and strong alkalies.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents, acids, alkalis.

Corrosivity: Not available.

Special Remarks on Reactivity:
Incompatible with molten Lithium at 180 deg. C, hydrogen peroxide, hydrochloric acid, sulfuric acid, most caustic alkalies and alkali carbonates, potassium chlorate, sulfur dioxide, nitrogen oxide, bromine pentafluoride. It may react violently or ignite with bromine pentafluoride. Chromium is rapidly attacked by fused sodium hydroxide + potassium nitrate. Potentially hazardous incompatibility with strong oxidizers.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: kidneys, lungs, liver, upper respiratory tract.

Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
May cause cancer based on animal data. There is no evidence that exposure to trivalent chromium causes cancer in man.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: May cause skin irritation. Eyes: May cause mechanical eye irritation. Inhalation: May cause irritation of the respiratory tract and mucous membranes of the respiratory tract. Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, diarrhea. Chronic Potential Health Effects: Inhalation: The effects of chronic exposure include irritation , sneezing, reddness of the throat, bronchospasm, asthma, cough, polyps, chronic inflammation, emphysema, chronic bronchitis, pharyngitis, bronchopneumonia, pneumoconoisis. Effects on the nose from chronic chromium exposure include irritation, ulceration, and perforation of the nasal septum. Inflammation and ulceration of the larynx may also occur. Ingestion or Inhalation: Chronic exposure may cause liver and kidney damage.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut hazardous material survey.: Chromium Illinois toxic substances disclosure to employee act: Chromium Illinois chemical safety act: Chromium New York release reporting list: Chromium Rhode Island RTK hazardous substances: Chromium Pennsylvania RTK: Chromium Minnesota: Chromium Michigan critical material: Chromium Massachusetts RTK: Chromium Massachusetts spill list: Chromium New Jersey: Chromium New Jersey spill list: Chromium Louisiana spill reporting: Chromium California Director's List of Hazardous Substances: Chromium TSCA 8(b) inventory: Chromium SARA 313 toxic chemical notification and release reporting: Chromium CERCLA: Hazardous substances.: Chromium: 5000 lbs. (2268 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
R40- Limited evidence of carcinogenic effect S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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Last Updated: 11/01/2010 12:00 PM

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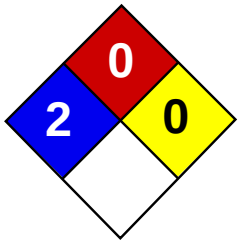

Health	2
Fire	0
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Chloroform MSDS

Section 1: Chemical Product and Company Identification

Product Name: Chloroform

Catalog Codes: SLC1888, SLC5044

CAS#: 67-66-3

RTECS: FS9100000

TSCA: TSCA 8(b) inventory: Chloroform

CI#: Not available.

Synonym: Trichloromethane; Methane, trichlor-

Chemical Name: Chloroform

Chemical Formula: CHCl3

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Chloroform	67-66-3	100

Toxicological Data on Ingredients: Chloroform: ORAL (LD50): Acute: 695 mg/kg [Rat]. 36 mg/kg [Mouse]. 820 mg/kg [Guinea pig]. DERMAL (LD50): Acute: >20000 mg/kg [Rabbit]. VAPOR (LC50): Acute: 47702 mg/m 4 hours [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Potential Chronic Health Effects: CARCINOGENIC EFFECTS: Classified + (Proven.) by NIOSH. Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. Classified 2 (Some evidence.) by NTP. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to kidneys, liver, heart. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: May explode if it comes in contact with aluminum powder, lithium, perchlorate, pentoxide, bis(dimethylamino)dimethylstannane, potassium, potassium-sodium alloy, sodium (or sodium hydroxide or sodium methoxide), and methanol

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions: Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as metals, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: TWA: 10 (ppm) [Australia] Inhalation TWA: 2 (ppm) from OSHA (PEL) [United States] Inhalation STEL: 9.78 (mg/m3) from NIOSH Inhalation STEL: 2 (ppm) from NIOSH Inhalation TWA: 9.78 (mg/m3) from OSHA (PEL) [United States] Inhalation TWA: 10 (ppm) from ACGIH (TLV) [United States] [1999] Inhalation TWA: 2 (ppm) [United Kingdom (UK)] Inhalation TWA: 9.9 (mg/m3) [United Kingdom (UK)] InhalationConsult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Pleasant. Sweetish. Etheric. Non-irritating

Taste: Burning. Sweet.

Molecular Weight: 119.38 g/mole

Color: Colorless. Clear

pH (1% soln/water): Not available.

Boiling Point: 61°C (141.8°F)

Melting Point: -63.5°C (-82.3°F)

Critical Temperature: 263.33°C (506°F)

Specific Gravity: 1.484 (Water = 1)

Vapor Pressure: 21.1 kPa (@ 20°C)

Vapor Density: 4.36 (Air = 1)

Volatility: Not available.

Odor Threshold: 85 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 2

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, Light

Incompatibility with various substances: Reactive with metals, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Light Sensitive. Incompatible with triisopropyl phosphine, acetone, disilane, fluorine, strong bases and reactive metals (aluminum, magnesium in powdered form), light.

Special Remarks on Corrosivity: It will attack some forms of plastics, rubber, and coatings.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

Toxicity to Animals: WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 36 mg/kg [Mouse]. Acute dermal toxicity (LD50): >20000 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 47702 mg/m 4 hours [Rat]. 3

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified + (Proven.) by NIOSH. Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. Classified 2 (Some evidence.) by NTP. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. May cause damage to the following organs: kidneys, liver, heart.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: May affect genetic material (possible mutangen) and cause adverse reproductive effects(embryotoxicity and fetotoxicity) Suspected carcinogen (tumorigenic) and teratogen based on animal data. Human: passes the placental barrier, detected in maternal milk.

Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: Causes skin irritation and may cause chemical burns. Eye: Causes eye irritation, burning pain and reversible injury to corneal epithelium. Inhalation: Causes irritation of the respiratory system (mucous membranes). May affect behavior/Nervous system (CNS depressant, fatigue, dizziness, nervousness, giddiness, euphoria, loss of coordination and judgement, weakness, hallucinations, muscle contraction/spasticity, general anesthetic, spastic paralysis, headache), anorexia (neurological and gastrointestinal symtoms resembling chronic alcoholism), and possibly coma and death. May affect the liver, kidneys and gastrointestinal tract (nausea, vomiting). Ingestion: Causes gastrointestinal tract irritation (nausea, vomiting). May affect the liver, urinary system (kidneys), respiration, behavior/nervous system (symptoms similar to inhalation),and heart. Chronic Potential Health Effects: Inhalation: Prolonged or repeated inhalation may affect the liver (hepatitis, jaundice, hepatocellular necrosis), metabolism (weight loss), respiration (fibrosis, pneumoconoisis), behavior/central nervous system (symptoms similar to acute inhalation), blood, musculoskeletal system, and kidneys. Ingestion: Prolonged or repeated ingestion may affect the liver, kidneys, metabolism (weight loss), endocrine system (spleen), blood (changes in cell count).

Section 12: Ecological Information

Ecotoxicity: Ecotoxicity in water (LC50): 43.8 mg/l 96 hours [Trout].

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Chloroform UNNA: UN1888 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations: California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Chloroform California prop. 65 (no significant risk level): Chloroform: 0.02 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Chloroform New York release reporting list: Chloroform Rhode Island RTK hazardous substances: Chloroform Pennsylvania RTK: Chloroform Massachusetts RTK: Chloroform New Jersey: Chloroform California Director's List of Hazardous Subtances (8 CCR 339): Chloroform Tennessee: Chloroform TSCA 8(b) inventory: Chloroform TSCA 8(d) H and S data reporting: Chloroform: effective: 6/1/87; sunset: 6/1/97 SARA 302/304/311/312 extremely hazardous substances: Chloroform SARA 313 toxic chemical notification and release reporting: Chloroform CERCLA: Hazardous substances.: Chloroform: 10 lbs. (4.536 kg)

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC): R20/22- Harmful by inhalation and if swallowed. R38- Irritating to skin. R40- Possible risks of irreversible effects. S36/37- Wear suitable protective clothing and gloves.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment: Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:16 PM

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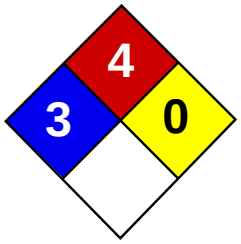

Health	3
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Carbon disulfide MSDS

Section 1: Chemical Product and Company Identification

Product Name: Carbon disulfide

Catalog Codes: SLC4312, SLC1522

CAS#: 75-15-0

RTECS: FF6650000

TSCA: TSCA 8(b) inventory: Carbon disulfide

CI#: Not available.

Synonym:

Chemical Formula: CS2

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Carbon disulfide	75-15-0	100

Toxicological Data on Ingredients: Carbon disulfide: ORAL (LD50): Acute: 3188 mg/kg [Rat]. 2780 mg/kg [Mouse]. VAPOR (LC50): Acute: 12500 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Extremely hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Very hazardous in case of skin contact (permeator). Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:
Extremely hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Very hazardous in case of skin contact (permeator). CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, the nervous system, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 90°C (194°F)

Flash Points: CLOSED CUP: -30°C (-22°F). (Setaflash)

Flammable Limits: LOWER: 1.3% UPPER: 50%

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Flammable in presence of open flames and sparks, of oxidizing materials.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage:
Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 20 CEIL: 30 (ppm) TWA: 60 CEIL: 90 (mg/m3)Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 76.14 g/mole

Color: Clear Colorless.

pH (1% soln/water): 7 [Neutral.]

Boiling Point: 46.3°C (115.3°F)

Melting Point: -111.6°C (-168.9°F)

Critical Temperature: Not available.

Specific Gravity: 1.2632 (Water = 1)

Vapor Pressure: 297.6 mm of Hg (@ 20°C)

Vapor Density: 2.63 (Air = 1)

Volatility: Not available.

Odor Threshold: 0.1 ppm

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 2780 mg/kg [Mouse]. Acute toxicity of the vapor (LC50): 12500 ppm 4 hour(s) [Rat].

Chronic Effects on Humans: The substance is toxic to kidneys, the nervous system, liver.

Other Toxic Effects on Humans:
Extremely hazardous in case of skin contact (irritant), of ingestion, of inhalation. Very hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
Embryotoxic and/or foetotoxic in animal. Human: passes through the placenta, excreted in maternal milk. Risk of spontaneous abortion in human. Causes sperm abnormalities in human. Menstrual disorders in human.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Class 3: Flammable liquid.

Identification: : Carbon Disulfide : UN1131 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Carbon disulfide California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Carbon disulfide California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Carbon disulfide California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Carbon disulfide Pennsylvania RTK: Carbon disulfide Massachusetts RTK: Carbon disulfide TSCA 8(b) inventory: Carbon disulfide SARA 302/304/311/312 extremely hazardous substances: Carbon disulfide SARA 313 toxic chemical notification and release reporting: Carbon disulfide CERCLA: Hazardous substances.: Carbon disulfide

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R11- Highly flammable. R38- Irritating to skin. R41- Risk of serious damage to eyes.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 4

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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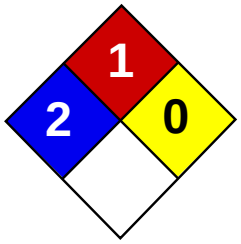

Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Carbazole MSDS

Section 1: Chemical Product and Company Identification

Product Name: Carbazole

Catalog Codes: SLC4801

CAS#: 86-74-8

RTECS: FE3150000

TSCA: TSCA 8(b) inventory: Carbazole

CI#: Not available.

Synonym: 9-Azaflluorene; 9H-Carbazole; Dibenzo(b,d)ppyrrole; Dibenzopyrrole; Diphenyleneimine; Diphenylenimide; Diphenylenimine

Chemical Name: Carbazole

Chemical Formula: C12-H9-N

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Carbazole	86-74-8	100

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances:
Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Slightly explosive in presence of open flames and sparks. Non-explosive in presence of shocks.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
As with most organic solids, fire is possible at elevated temperatures. When heated to decomposition it emits toxic fumes of nitrogen oxides

Special Remarks on Explosion Hazards:
Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Crystals solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 167.21 g/mole

Color: White.

pH (1% soln/water): Not applicable.

Boiling Point: 355°C (671°F)

Melting Point: 245°C (473°F)

Critical Temperature: Not available.

Specific Gravity: Density: 1.1 @ 18 deg. C(Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, acetone.

Solubility:
Partially soluble in acetone. Very slightly soluble in diethyl ether. Insoluble in cold water, hot water. 1 gram is soluble in 3 ml Quinoline, 6 ml Pyridine, 9 ml Acetone, 2 ml Acetone @ 50 deg. C., 35 ml Ether, 120 ml Benzene, 135 ml absolute alcohol. Slightly soluble in Petroleum Ether, chlorinated hydrocarbons, Acetic acid, Carbon Disulfide. Soluble in hot Chloroform, Toluene.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials, dust generation

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): >5000 mg/kg [Rat].

Chronic Effects on Humans: CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC.

Other Toxic Effects on Humans:
Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

Special Remarks on Toxicity to Animals:
Lowest Published Lethal Dose: LDL [Rat] - Route: Oral; Dose: 500 mg/kg Lethal Dose/Conc 50% Kill: LD50 [Mouse] - Intraperitoneal; Dose: 200 mg/kg Lethal Dose/Conc: LD [Mouse] - Route: Oral; Dose: >400 mg/kg

Special Remarks on Chronic Effects on Humans:
May affect genetic material (mutagenic). May cause cancer based on animal test data.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: May cause eye irritation. Inhalation: May cause respiratory tract irritation. Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting and diarrhea. Chronic Potential Health Effects: Ingestion: Prolonged or repeated ingestion may affect the liver and cause weight loss.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Carbazole California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Carbazole California Director's List of Hazardous Substances: Carbazole TSCA 8(b) inventory: Carbazole TSCA 8(d) H and S data reporting: Carbazole: Effective date: 3/07/86; Sunset date: 3/07/96

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
R40- Limited evidence of carcinogenic effect S24/25- Avoid contact with skin and eyes.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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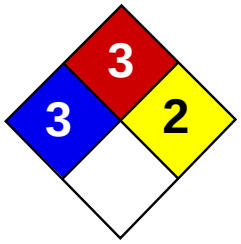

Health	3
Fire	3
Reactivity	2
Personal Protection	J

Material Safety Data Sheet
Calcium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Calcium

Catalog Codes: SLC2782

CAS#: 7440-70-2

RTECS: EV8040000

TSCA: TSCA 8(b) inventory: Calcium

CI#: Not available.

Synonym:

Chemical Formula: Ca

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Calcium	7440-70-2	100

Toxicological Data on Ingredients: Calcium LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Corrosive to eyes and skin. The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:
If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
Flammable solid. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Corrosive solid. Flammable solid that, in contact with water, emits flammable gases. Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Cover with dry earth, sand or other non-combustible material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

Section 7: Handling and Storage

Precautions:
Keep under inert atmosphere. Keep container dry. Do not breathe dust. Never add water to this product Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes Keep away from incompatibles such as acids, moisture.

Storage:
Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor and dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 40.08 g/mole

Color: Not available.

pH (1% soln/water): Not available.

Boiling Point: 1484°C (2703.2°F)

Melting Point: 839°C (1542.2°F)

Critical Temperature: Not available.

Specific Gravity: 1.54 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Not available.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances:
Highly reactive with acids. Reactive with moisture. The product reacts violently with water to emit flammable but non toxic gases.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 4.3: Material that emits flammable gases on contact with water.

Identification: : Calcium : UN1401 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Calcium Massachusetts RTK: Calcium TSCA 8(b) inventory: Calcium

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS B-6: Reactive and very flammable material. CLASS E: Corrosive solid.

DSCL (EEC): R36/38- Irritating to eyes and skin.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 3

Reactivity: 2

Personal Protection: j

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 3

Reactivity: 2

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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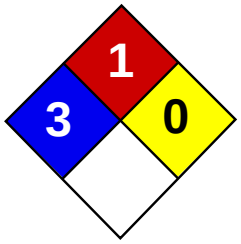

Health	3
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Cadmium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Cadmium

Catalog Codes: SLC3484, SLC5272, SLC2482

CAS#: 7440-43-9

RTECS: EU9800000

TSCA: TSCA 8(b) inventory: Cadmium

CI#: Not applicable.

Synonym:

Chemical Name: Cadmium

Chemical Formula: Cd

Contact Information:

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Houston, Texas 77396

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Cadmium	7440-43-9	100

Toxicological Data on Ingredients: Cadmium: ORAL (LD50): Acute: 2330 mg/kg [Rat.]. 890 mg/kg [Mouse]. DUST (LC50): Acute: 50 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant). Severe over-exposure can result in death.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: No known effect on eye contact, rinse with water for a few minutes.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 570°C (1058°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Non-flammable in presence of open flames and sparks, of heat, of oxidizing materials, of reducing materials, of combustible materials, of moisture.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 (ppm) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 112.4 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: 765°C (1409°F)

Melting Point: 320.9°C (609.6°F)

Critical Temperature: Not available.

Specific Gravity: 8.64 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity: Reacts violently with potassium.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 890 mg/kg [Mouse]. Acute toxicity of the dust (LC50): 229.9 mg/m3 4 hour(s) [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. The substance is toxic to kidneys, lungs, liver.

Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: An allergen. 0047 Animal: embryotoxic, passes through the placental barrier.

Special Remarks on other Toxic Effects on Humans: May cause allergic reactions, exzema and/or dehydration of the skin.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification:

Identification:

Special Provisions for Transport:

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Cadmium California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Cadmium Pennsylvania RTK: Cadmium Massachusetts RTK: Cadmium TSCA 8(b) inventory: Cadmium SARA 313 toxic chemical notification and release reporting: Cadmium CERCLA: Hazardous substances.: Cadmium

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R26- Very toxic by inhalation. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

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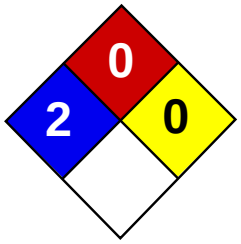

Health	2
Fire	0
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Bromoform MSDS

Section 1: Chemical Product and Company Identification

Product Name: Bromoform

Catalog Codes: SLB4567

CAS#: 75-25-2

RTECS: PB5600000

TSCA: TSCA 8(b) inventory: Bromoform

CI#: Not applicable.

Synonym: Tribromomethane

Chemical Name: Methyl tribromide

Chemical Formula: CHBr3

Contact Information:

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For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Bromoform	75-25-2	100

Toxicological Data on Ingredients: Bromoform: ORAL (LD50): Acute: 933 mg/kg [Rat.]. 1072 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, the nervous system, liver, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: When heated to decomposition it emits highly toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the

container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, metals, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.5 from ACGIH (TLV) [United States] [1996] SKIN TWA: 5.2 from ACGIH (TLV) [United States] [1996] SKIN Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Liquid.)

Odor: Chloroform.

Taste: Not available.

Molecular Weight: 252.77 g/mole

Color: Colorless.

pH (1% soln/water): 7 [Neutral.]

Boiling Point: 149.5°C (301.1°F)

Melting Point: 8.3 (46.9°F)

Critical Temperature: Not available.

Specific Gravity: 2.89 (Water = 1)

Vapor Pressure: 0.7 kPa (@ 20°C)

Vapor Density: 8.7(Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol, diethyl ether.

Solubility:
Partially soluble in methanol, diethyl ether. Very slightly soluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents, metals, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Sensitive to light.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 933 mg/kg [Rat.].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. Causes damage to the following organs: kidneys, the nervous system, liver, upper respiratory tract.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Narcotic effect; may cause nervous system disturbances.

Special Remarks on other Toxic Effects on Humans: Material is irritating to mucous membranes and upper respiratory tract.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Bromoform UNNA: UN2515 PG: III

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Bromoform California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Bromoform Pennsylvania RTK: Bromoform Florida: Bromoform Minnesota: Bromoform Massachusetts RTK: Bromoform New Jersey: Bromoform TSCA 8(b) inventory: Bromoform SARA 313 toxic chemical notification and release reporting: Bromoform CERCLA: Hazardous substances.: Bromoform

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC).

DSCL (EEC):
R22- Harmful if swallowed. R36/38- Irritating to eyes and skin. R40- Possible risks of irreversible effects.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Material safety data sheet emitted by: la Commission de la SantÃ© et de la SÃ©curitÃ© du Travail du QuÃ©bec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du rÃ¨glement sur le transport des marchandises dangeureuses au canada. Centre de conformitÃ© internatinal LtÃ©e. 1986.

Other Special Considerations: Not available.

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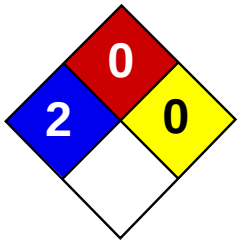

Health	2
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet
Beryllium AA Standard MSDS

Section 1: Chemical Product and Company Identification

Product Name: Beryllium AA Standard

Catalog Codes: SLB2068

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Beryllium; Nitric acid, 70%; Water

CI#: Not applicable.

Synonym:

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

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Houston, Texas 77396

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Beryllium	7440-41-7	0.1
Water	7732-18-5	98.5
Nitric acid, fuming	7697-37-2	1.4

Toxicological Data on Ingredients: Beryllium LD50: Not available. LC50: Not available. Nitric acid, fuming LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Prolonged exposure may result in skin burns and ulcerations. Over-exposure by inhalation may cause respiratory irritation. Severe over-exposure can result in death.

Potential Chronic Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Non-sensitizer for skin. CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Some evidence.) by NTP

[Beryllium]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive in presence of reducing materials, of combustible materials, of organic materials.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

Large Spill:
Corrosive liquid. Oxidizing material. Poisonous liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Use water spray curtain to divert vapor drift. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep container dry. Keep away from heat. Keep away from sources of ignition. Keep away from combustible material.. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage:
Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalies, reducing agents and combustibles. See NFPA 43A, Code for the Storage of Liquid and Solid Oxidizers.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
Beryllium TWA: 0.002 CEIL: 0.02 Nitric acid, fuming TWA: 2 CEIL: 4 TWA: 5 CEIL: 10 Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Not available.

pH (1% soln/water): Acidic.

Boiling Point: The lowest known value is 82.6 (180.7°F) (Nitric acid, fuming). Weighted average: 99.76°C (211.6°F)

Melting Point: May start to solidify at -41.6°C (-42.9°F) based on data for: Nitric acid, fuming.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 1 (Water = 1)

Vapor Pressure: The highest known value is 6 kPa (@ 20°C) (Nitric acid, fuming). Weighted average: 2.35 kPa (@ 20°C)

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: The highest known value is 0.29 ppm (Nitric acid, fuming)

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water.

Solubility: Easily soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Slightly reactive to reactive with reducing agents, combustible materials, organic materials, metals, acids, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Some evidence.) by NTP [Beryllium].

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Class 8: Corrosive material

Identification: : Corrosive liquid, n.o.s. (Nitric acid, Beryllium Acetate, solution) (Nitric acid, fuming) UNNA: UN1760 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Beryllium California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Beryllium Pennsylvania RTK: Beryllium; Nitric acid, 70% Massachusetts RTK: Beryllium; Nitric acid, 70% TSCA 8(b) inventory: Beryllium; Nitric acid, 70%; Water SARA 302/304/311/312 extremely hazardous substances: Nitric acid, 70% SARA 313 toxic chemical notification and release reporting: Beryllium 0.1%; Nitric acid, 70% 2% CERCLA: Hazardous substances.: Beryllium; Nitric acid, 70%;

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS C: Oxidizing material. CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):
R23- Toxic by inhalation. R36/38- Irritating to eyes and skin. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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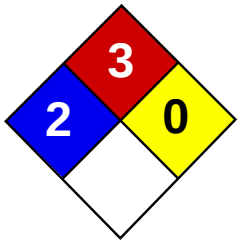

Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Benzene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Benzene

Catalog Codes: SLB1564, SLB3055, SLB2881

CAS#: 71-43-2

RTECS: CY1400000

TSCA: TSCA 8(b) inventory: Benzene

CI#: Not available.

Synonym: Benzol; Benzine

Chemical Name: Benzene

Chemical Formula: C6-H6

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Benzene	71-43-2	100

Toxicological Data on Ingredients: Benzene: ORAL (LD50): Acute: 930 mg/kg [Rat]. 4700 mg/kg [Mouse]. DERMAL (LD50): Acute: >9400 mg/kg [Rabbit]. VAPOR (LC50): Acute: 10000 ppm 7 hours [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of eye contact (irritant), of inhalation. Hazardous in case of skin contact (irritant, permeator), of ingestion. Inflammation of the eye is characterized by redness, watering, and itching.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH, 1 (Proven for human.) by IARC. MUTAGENIC EFFECTS: Classified POSSIBLE for human. Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female [POSSIBLE]. The substance is toxic to blood, bone marrow, central nervous system (CNS). The substance may be toxic to liver, Urinary System. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention immediately.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 497.78°C (928°F)

Flash Points: CLOSED CUP: -11.1°C (12°F). (Setaflash)

Flammable Limits: LOWER: 1.2% UPPER: 7.8%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances:
Highly flammable in presence of open flames and sparks, of heat. Slightly flammable to flammable in presence of oxidizing materials. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Explosive in presence of oxidizing materials, of acids.

Fire Fighting Media and Instructions:
Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.

Special Remarks on Fire Hazards:
Extremely flammable liquid and vapor. Vapor may cause flash fire. Reacts on contact with iodine heptafluoride gas. Dioxygenyl tetrafluoroborate is as very powferful oxidant. The addition of a small particle to small samples of benzene, at ambient temperature, causes ignition. Contact with sodium peroxide with benzene causes ignition. Benzene ignites in contact with powdered chromic anhydride. Virgorous or incandescent reaction with hydrogen + Raney nickel (above 210 C) and bromine trifluoride.

Special Remarks on Explosion Hazards:
Benzene vapors + chlorine and light causes explosion. Reacts explosively with bromine pentafluoride, chlorine, chlorine trifluoride, diborane, nitric acid, nitryl perchlorate, liquid oxygen, ozone, silver perchlorate. Benzene + pentafluoride and methoxide (from arsenic pentafluoride and potassium methoxide) in trichlorotrifluoroethane causes explosion. Interaction

of nitryl perchlorate with benzene gave a slight explosion and flash. The solution of permanganic acid (or its explosive anhydride, dimaganese heptoxide) produced by interaction of permanganates and sulfuric acid will explode on contact with benzene. Peroxodisulfuric acid is a very powferful oxidant. Uncontrolled contact with benzene may cause explosion. Mixtures of peroxomonsulfuric acid with benzene explodes.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.

Storage:
Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.5 STEL: 2.5 (ppm) from ACGIH (TLV) [United States] TWA: 1.6 STEL: 8 (mg/m3) from ACGIH (TLV) [United States] TWA: 0.1 STEL: 1 from NIOSH TWA: 1 STEL: 5 (ppm) from OSHA (PEL) [United States] TWA: 10 (ppm) from OSHA (PEL) [United States] TWA: 3 (ppm) [United Kingdom (UK)] TWA: 1.6 (mg/m3) [United Kingdom (UK)] TWA: 1 (ppm) [Canada] TWA: 3.2 (mg/m3) [Canada] TWA: 0.5 (ppm) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor:
Aromatic. Gasoline-like, rather pleasant. (Strong.)

Taste: Not available.

Molecular Weight: 78.11 g/mole

Color: Clear Colorless. Colorless to light yellow.

pH (1% soln/water): Not available.

Boiling Point: 80.1 (176.2°F)

Melting Point: 5.5°C (41.9°F)

Critical Temperature: 288.9°C (552°F)

Specific Gravity: 0.8787 @ 15 C (Water = 1)

Vapor Pressure: 10 kPa (@ 20°C)

Vapor Density: 2.8 (Air = 1)

Volatility: Not available.

Odor Threshold: 4.68 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 2.1

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether, acetone.

Solubility:
Miscible in alcohol, chloroform, carbon disulfide oils, carbon tetrachloride, glacial acetic acid, diethyl ether, acetone. Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources, incompatibles.

Incompatibility with various substances: Highly reactive with oxidizing agents, acids.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Benzene vapors + chlorine and light causes explosion. Reacts explosively with bromine pentafluoride, chlorine, chlorine trifluoride, diborane, nitric acid, nitryl perchlorate, liquid oxygen, ozone, silver perchlorate. Benzene + pentafluoride and methoxide (from arsenic pentafluoride and potassium methoxide) in trichlorotrifluoroethane causes explosion. Interaction of nitryl perchlorate with benzene gave a slight explosion and flash. The solution of permanganic acid (or its explosive anhydride, dimaganese heptoxide) produced by interaction of permanganates and sulfuric acid will explode on contact with benzene. Peroxodisulfuric acid is a very powferful oxidant. Uncontrolled contact with benzene may cause explosion. Mixtures of peroxomonsulfuric acid with benzene explodes.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 930 mg/kg [Rat]. Acute dermal toxicity (LD50): >9400 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 10000 7 hours [Rat].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH, 1 (Proven for human.) by IARC. MUTAGENIC EFFECTS: Classified POSSIBLE for human. Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female [POSSIBLE]. Causes damage to the following organs: blood, bone marrow, central nervous system (CNS). May cause damage to the following organs: liver, Urinary System.

Other Toxic Effects on Humans:
Very hazardous in case of inhalation. Hazardous in case of skin contact (irritant, permeator), of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
May cause adverse reproductive effects (female fertility, Embryotoxic and/or foetotoxic in animal) and birth defects. May affect genetic material (mutagenic). May cause cancer (tumorigenic, leukemia)) Human: passes the placental barrier, detected in maternal milk.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: Causes skin irritation. It can be absorbed through intact skin and affect the liver, blood, metabolism,and urinary system. Eyes: Causes eye irritation. Inhalation: Causes respiratory tract and mucous membrane irritation. Can be absorbed through the lungs. May affect behavior/Central and Peripheral nervous systems (somnolence, muscle weakness, general anesthetic, and other symptoms similar to ingestion), gastrointestinal tract (nausea), blood metabolism, urinary system. Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation including vomiting. May affect behavior/Central and Peripheral nervous systems (convulsions, seizures, tremor, irritability, initial CNS stimulation followed by depression, loss of coordination, dizziness, headache, weakness, pallor, flushing), respiration (breathlessness and chest constriction), cardiovascular system, (shallow/rapid pulse), and blood.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Benzene UNNA: 1114 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Benzene California prop. 65 (no significant risk level): Benzene: 0.007 mg/day (value) California prop. 65: This product contains the following ingredients

for which the State of California has found to cause cancer which would require a warning under the statute: Benzene Connecticut carcinogen reporting list.: Benzene Connecticut hazardous material survey.: Benzene Illinois toxic substances disclosure to employee act: Benzene Illinois chemical safety act: Benzene New York release reporting list: Benzene Rhode Island RTK hazardous substances: Benzene Pennsylvania RTK: Benzene Minnesota: Benzene Michigan critical material: Benzene Massachusetts RTK: Benzene Massachusetts spill list: Benzene New Jersey: Benzene New Jersey spill list: Benzene Louisiana spill reporting: Benzene California Director's list of Hazardous Substances: Benzene TSCA 8(b) inventory: Benzene SARA 313 toxic chemical notification and release reporting: Benzene CERCLA: Hazardous substances.: Benzene: 10 lbs. (4.536 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R11- Highly flammable. R22- Harmful if swallowed. R38- Irritating to skin. R41- Risk of serious damage to eyes. R45- May cause cancer. R62- Possible risk of impaired fertility. S2- Keep out of the reach of children. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39- Wear eye/face protection. S46- If swallowed, seek medical advice immediately and show this container or label. S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:35 PM

Last Updated: 11/01/2010 12:00 PM

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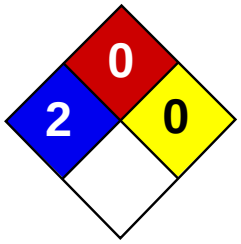

Health	2
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet
Barium AA Standard MSDS

Section 1: Chemical Product and Company Identification

Product Name: Barium AA Standard

Catalog Codes: SLB1582

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Barium; Nitric acid, 70%; Water

CI#: Not applicable.

Synonym:

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Barium	7440-39-3	0.1
Water	7732-18-5	98.5
Nitric acid, fuming	7697-37-2	1.4

Toxicological Data on Ingredients: Barium LD50: Not available. LC50: Not available. Nitric acid, fuming LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death.

Potential Chronic Health Effects:
Hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Non-sensitizer for skin. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes.

Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive in presence of reducing materials, of combustible materials, of organic materials.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

Large Spill:
Corrosive liquid. Poisonous liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as alkalis. May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
Barium TWA: 0.5 from ACGIH (TLV) [United States] Nitric acid, fuming TWA: 2 CEIL: 4 TWA: 5 CEIL: 10 Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Clear Colorless.

pH (1% soln/water): Acidic.

Boiling Point: The lowest known value is 82.6 (180.7°F) (Nitric acid, fuming). Weighted average: 99.76°C (211.6°F)

Melting Point: May start to solidify at -41.6°C (-42.9°F) based on data for: Nitric acid, fuming.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 1 (Water = 1)

Vapor Pressure: The highest known value is 6 kPa (@ 20°C) (Nitric acid, fuming). Weighted average: 2.35 kPa (@ 20°C)

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: The highest known value is 0.29 ppm (Nitric acid, fuming)

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water.

Solubility: Easily soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances:
Highly reactive with alkalis. Slightly reactive to reactive with reducing agents, combustible materials, organic materials, metals, acids.

Corrosivity:
Highly corrosive in presence of aluminum, of zinc, of copper. Corrosive in presence of steel. Slightly corrosive in presence of stainless steel(304), of stainless steel(316). Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Class 8: Corrosive material

Identification:
: Corrosive liquid, acidic, inorganic, n.o.s (Nitric acid, solution; Barium Nitrate mixture) (Nitric acid, fuming) UNNA: UN3264 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Nitric acid, 70% Massachusetts RTK: Nitric acid, 70% TSCA 8(b) inventory: Barium; Nitric acid, 70%; Water SARA 302/304/311/312 extremely hazardous substances: Nitric acid, 70% SARA 313 toxic chemical notification and release reporting: Nitric acid, 70% 2% CERCLA: Hazardous substances.: Nitric acid, 70%;

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):
R23- Toxic by inhalation. R36/38- Irritating to eyes and skin.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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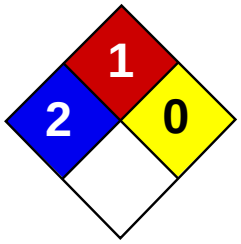

Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Antimony MSDS

Section 1: Chemical Product and Company Identification

Product Name: Antimony

Catalog Codes: SLA1453, SLA4462

CAS#: 7440-36-0

RTECS: CC4025000

TSCA: TSCA 8(b) inventory: Antimony

CI#: Not available.

Synonym: Stibium

Chemical Name: Not available.

Chemical Formula: Sb

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Antimony	7440-36-0	100

Toxicological Data on Ingredients: Antimony: ORAL (LD50): Acute: 7000 mg/kg [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to blood, kidneys, lungs, the nervous system, liver, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In

case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.5 Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 121.75 g/mole

Color: Not available.

pH (1% soln/water): Not applicable.

Boiling Point: 1635°C (2975°F)

Melting Point: 630°C (1166°F)

Critical Temperature: Not available.

Specific Gravity: 6.691 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 7000 mg/kg [Rat].

Chronic Effects on Humans: Causes damage to the following organs: blood, kidneys, lungs, the nervous system, liver, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Human: passes through the placenta, excreted in maternal milk.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Antimony powder UNNA: UN2871 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Antimony Massachusetts RTK: Antimony TSCA 8(b) inventory: Antimony

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC): R36/38- Irritating to eyes and skin.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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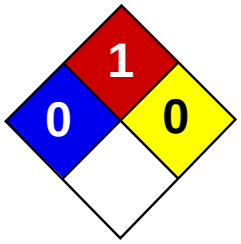

Health	0
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Anthracene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Anthracene

Catalog Codes: SLA3670

CAS#: 120-12-7

RTECS: CA9350000

TSCA: TSCA 8(b) inventory: Anthracene

CI#: Not available.

Synonym:

Chemical Formula: C14H10

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Anthracene	120-12-7	100

Toxicological Data on Ingredients: Anthracene LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of inhalation. Hazardous in case of skin contact (permeator), of ingestion. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:
Very hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of inhalation. Hazardous in case of skin contact (permeator), of ingestion. CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH, 1 (Clear evidence.) by NTP, + (Proven.) by OSHA. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact:
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 540°C (1004°F)

Flash Points: CLOSED CUP: 121°C (249.8°F).

Flammable Limits: LOWER: 0.6%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Slight.

Taste: Not available.

Molecular Weight: 178.22 g/mole

Color: Colorless.

pH (1% soln/water): Not applicable.

Boiling Point: 342°C (647.6°F)

Melting Point: 218°C (424.4°F)

Critical Temperature: Not available.

Specific Gravity: 1.25 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: 6.15 (Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH, 1 (Clear evidence.) by NTP, + (Proven.) by OSHA. Causes damage to the following organs: kidneys, lungs, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of skin contact (irritant, sensitizer), of inhalation. Hazardous in case of skin contact (permeator), of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Anthracene Massachusetts RTK: Anthracene TSCA 8(b) inventory: Anthracene SARA 313 toxic chemical notification and release reporting: Anthracene CERCLA: Hazardous substances.: Anthracene

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R38- Irritating to skin. R41- Risk of serious damage to eyes. R43- May cause sensitization by skin contact. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 0

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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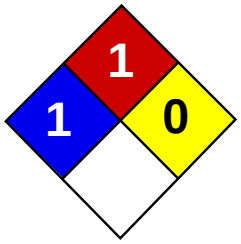

Health	1
Fire	0
Reactivity	0
Personal Protection	B

Material Safety Data Sheet
Aluminum MSDS

Section 1: Chemical Product and Company Identification

Product Name: Aluminum

Catalog Codes: SLA4735, SLA2389, SLA3895, SLA1549, SLA3055, SLA4558, SLA2212, SLA3715

CAS#: 7429-90-5

RTECS: BD0330000

TSCA: TSCA 8(b) inventory: Aluminum

CI#: Not applicable.

Synonym: Aluminum metal pellets; Aluminum metal sheet; Aluminum metal shot; Aluminum metal wire

Chemical Name: Aluminum

Chemical Formula: Al

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Aluminum	7429-90-5	100

Toxicological Data on Ingredients: Aluminum LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Slightly hazardous in case of skin contact (irritant). Non-irritating to the eyes. Non-hazardous in case of ingestion.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:
Do not ingest. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Moisture sensitive.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Gloves.

Personal Protection in Case of a Large Spill: Safety glasses. Lab coat. Gloves.

Exposure Limits:
TWA: 5 (mg(Al)/m) from ACGIH (TLV) [United States] Inhalation (pyro powders, welding fumes) TWA: 10 (mg(Al)/m) from ACGIH (TLV) [United States] Inhalation (metal dust) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Odorless.

Taste: Not available.

Molecular Weight: 26.98 g/mole

Color: Silver-white

pH (1% soln/water): Not applicable.

Boiling Point: 2327°C (4220.6°F)

Melting Point: 660°C (1220°F)

Critical Temperature: Not available.

Specific Gravity: Density: 2.7 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Insoluble in cold water, hot water. Soluble in alkalies, Sulfuric acid, Hydrochloric acid. Insoluble in concentrated Nitric Acid, hot Acetic acid.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, exposure to moist air or water.

Incompatibility with various substances: Reactive with oxidizing agents, acids, alkalis.

Corrosivity: Not available.

Special Remarks on Reactivity:
Moisture sensitive. Aluminum reacts vigorously with Sodium Hydroxide. Aluminum is also incompatible with strong oxdizers, acids, chromic anhydride, iodine, carbon disulfide, methyl chloride, and halogenated hydrocarbons, acid chlorides, ammonium nitrate, ammonium persulfate, antimony, arsenic oxides, barium bromate, barium chlorate, barium iodate, metal salts

Special Remarks on Corrosivity:
In moist air, oxide film forms which protects metal from corrosion. Aluminum is strongly electropositive so that it corrodes rapidly in contact with other metals.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Not available.

Toxicity to Animals: Not available

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:
Slightly hazardous in case of skin contact (irritant). Non-hazardous in case of ingestion. Non-hazardous in case of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: Exposure to aluminum may cause skin irritation. Eyes: Not expected to be a hazard unless aluminum dust particles are present. Exposure to aluminum dust may cause eye irritation by mechanical action. Aluminum particles deposited in the eye are generally innocous. Inhalation: Not expected to be an inhalation hazard unless it is heatedor if aluminum dust is present It heated or in dust form, it may cause respiratory tract irritation. Heating Aluminum can release Aluminum Oxide fumes and cause fume metal fever when inhaled. This is a flu-like illness with symptoms of metallic taste, fever, chills, aches, chest tightness, and cough. Ingestion: Acute aluminum toxicity is unlikely. Chronic Potential Health Effects: Skin: Contact dermatitis occurs rarely after aluminum exposure. Most cases of aluminum toxicity in humans are in one of two categories: patients with chronic renal failure, or people exposed to aluminum fumes or dust in the workplace. The main source of aluminum in people with chronic renal failure was in the high aluminum content of the water for the dialysate used for dialysis in the 1970's. Even though this problem was recognized and corrected, aluminum toxicity continues to occur in some individuals with renal who chronically ingest aluminum-containing phosphate binders or antacids. Inhalation: Chronic exposure to aluminum dust may cause dyspnea, cough, asthma, chronic obstructive lung disease, pulmonary fibrosis, pneumothorax, pneumoconiosis, encephalopathy, weakness, incoordination and epileptiform seizures and other neurological symptoms similar to that described for chronic ingestion. Hepatic necrosis is also a reported effect of exposure to airborne particulates carrying aluminum. Ingestion: Chronic ingestion of aluminum may cause Aluminum Related Bone Disease or aluminum-induced Osteomalacia with fracturing Osteodystrophy, microcytic anemia, weakness, fatigue, visual and auditory hallucinations, memory loss, speech and language impairment (dysarthria, stuttering, stammering, anomia, hypofluency, aphasia and eventually, mutism), epileptic seizures(focal or grand mal), motor disturbance(tremors, myoclonic jerks, ataxia, convulsions, asterixis, motor apraxia, muscle fatigue), and dementia (personality changes, altered mood, depression, diminished alertness, lethargy, 'clouding of the sensorium', intellectual deterioration, obtundation, coma), and altered EEG.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found. California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found. Connecticut hazardous material survey.: Aluminum Illinois toxic substances disclosure to employee act: Aluminum Rhode Island RTK hazardous substances: Aluminum Pennsylvania RTK: Aluminum Minnesota: Aluminum Massachusetts RTK: Aluminum New Jersey: Aluminum New Jersey spill list: Aluminum California Director's List of Hazardous Substances: Aluminum TSCA 8(b) inventory: Aluminum SARA 313 toxic chemical notification and release reporting: Aluminum

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: B

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Not applicable. Safety glasses.

Section 16: Other Information

References:

-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986. 037 Waste manifest or notification not required.

Other Special Considerations: Not available.

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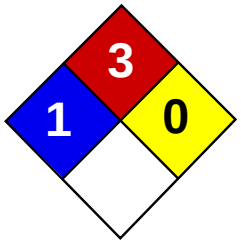

Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Acetone MSDS

Section 1: Chemical Product and Company Identification

Product Name: Acetone

Catalog Codes: SLA3502, SLA1645, SLA3151, SLA3808

CAS#: 67-64-1

RTECS: AL3150000

TSCA: TSCA 8(b) inventory: Acetone

CI#: Not applicable.

Synonym: 2-propanone; Dimethyl Ketone; Dimethylformaldehyde; Pyroacetic Acid

Chemical Name: Acetone

Chemical Formula: C3-H6-O

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Acetone	67-64-1	100

Toxicological Data on Ingredients: Acetone: ORAL (LD50): Acute: 5800 mg/kg [Rat]. 3000 mg/kg [Mouse]. 5340 mg/kg [Rabbit]. VAPOR (LC50): Acute: 50100 mg/m 8 hours [Rat]. 44000 mg/m 4 hours [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male [SUSPECTED]. The substance is toxic to central nervous system (CNS). The substance may be toxic to kidneys, the reproductive system, liver, skin. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 465°C (869°F)

Flash Points: CLOSED CUP: -20°C (-4°F). OPEN CUP: -9°C (15.8°F) (Cleveland).

Flammable Limits: LOWER: 2.6% UPPER: 12.8%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks, of oxidizing materials, of acids.

Fire Fighting Media and Instructions:
Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.

Special Remarks on Fire Hazards: Vapor may travel considerable distance to source of ignition and flash back.

Special Remarks on Explosion Hazards:
Forms explosive mixtures with hydrogen peroxide, acetic acid, nitric acid, nitric acid + sulfuric acid, chromic anydride, chromyl chloride, nitrosyl chloride, hexachloromelamine, nitrosyl perchlorate, nitryl perchlorate, permonosulfuric acid, thiodiglycol + hydrogen peroxide, potassium ter-butoxide, sulfur dichloride, 1-methyl-1,3-butadiene, bromoform, carbon, air, chloroform, thitriazylperchlorate.

Section 6: Accidental Release Measures

Small Spill:
Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Large Spill:
Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, reducing agents, acids, alkalis.

Storage:
Store in a segregated and approved area (flammables area) . Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Keep away from direct sunlight and heat and avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 500 STEL: 750 (ppm) from ACGIH (TLV) [United States] TWA: 750 STEL: 1000 (ppm) from OSHA (PEL) [United States] TWA: 500 STEL: 1000 [Austalia] TWA: 1185 STEL: 2375 (mg/m3) [Australia] TWA: 750 STEL: 1500 (ppm) [United Kingdom (UK)] TWA: 1810 STEL: 3620 (mg/m3) [United Kingdom (UK)] TWA: 1800 STEL: 2400 from OSHA (PEL) [United States]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Fruity. Mint-like. Fragrant. Ethereal

Taste: Pungent, Sweetish

Molecular Weight: 58.08 g/mole

Color: Colorless. Clear

pH (1% soln/water): Not available.

Boiling Point: 56.2°C (133.2°F)

Melting Point: -95.35 (-139.6°F)

Critical Temperature: 235°C (455°F)

Specific Gravity: 0.79 (Water = 1)

Vapor Pressure: 24 kPa (@ 20°C)

Vapor Density: 2 (Air = 1)

Volatility: Not available.

Odor Threshold: 62 ppm

Water/Oil Dist. Coeff.: The product is more soluble in water; log(oil/water) = -0.2

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water.

Solubility: Easily soluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, ignition sources, exposure to moisture, air, or water, incompatible materials.

Incompatibility with various substances: Reactive with oxidizing agents, reducing agents, acids, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 3000 mg/kg [Mouse]. Acute toxicity of the vapor (LC50): 44000 mg/m3 4 hours [Mouse].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male [SUSPECTED]. Causes damage to the following organs: central nervous system (CNS). May cause damage to the following organs: kidneys, the reproductive system, liver, skin.

Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
May affect genetic material (mutagenicity) based on studies with yeast (S. cerevisiae), bacteria, and hamster fibroblast cells. May cause reproductive effects (fertility) based upon animal studies. May contain trace amounts of benzene and formaldehyde which may cancer and birth defects. Human: passes the placental barrier.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: May cause skin irritation. May be harmful if absorbed through the skin. Eyes: Causes eye irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury. Inhalation: Inhalation at high concentrations affects the sense organs, brain and causes respiratory tract irritation. It also may affect the Central Nervous System (behavior) characterized by dizzness, drowsiness, confusion, headache, muscle weakeness, and possibly motor incoordination, speech abnormalities, narcotic effects and coma. Inhalation may also affect the gastrointestinal tract (nausea, vomiting). Ingestion: May cause irritation of the digestive (gastrointestinal) tract (nausea, vomiting). It may also

affect the Central Nevous System (behavior), characterized by depression, fatigue, excitement, stupor, coma, headache, altered sleep time, ataxia, tremors as well at the blood, liver, and urinary system (kidney, bladder, ureter) and endocrine system. May also have musculoskeletal effects. Chronic Potential Health Effects: Skin: May cause dermatitis. Eyes: Eye irritation.

Section 12: Ecological Information

Ecotoxicity:
Ecotoxicity in water (LC50): 5540 mg/l 96 hours [Trout]. 8300 mg/l 96 hours [Bluegill]. 7500 mg/l 96 hours [Fatthead Minnow]. 0.1 ppm any hours [Water flea].

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Acetone UNNA: 1090 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Benzene California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Benzene California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Benzene, Formaldehyde Connecticut hazardous material survey.: Acetone Illinois toxic substances disclosure to employee act: Acetone Illinois chemical safety act: Acetone New York release reporting list: Acetone Rhode Island RTK hazardous substances: Acetone Pennsylvania RTK: Acetone Florida: Acetone Minnesota: Acetone Massachusetts RTK: Acetone Massachusetts spill list: Acetone New Jersey: Acetone New Jersey spill list: Acetone Louisiana spill reporting: Acetone California List of Hazardous Substances (8 CCR 339): Acetone TSCA 8(b) inventory: Acetone TSCA 4(a) final test rules: Acetone TSCA 8(a) IUR: Acetone

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):
R11- Highly flammable. R36- Irritating to eyes. S9- Keep container in a well-ventilated place. S16- Keep away from sources of ignition - No smoking. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References:
-Material safety data sheet issued by: la Commission de la SantÃ© et de la SÃ©curitÃ© du Travail du QuÃ©bec. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. LOLI, RTECS, HSDB databases. Other MSDSs

Other Special Considerations: Not available.

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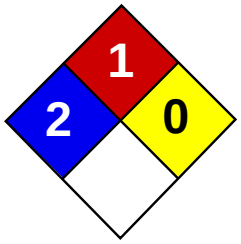

Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Acenaphthene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Acenaphthene

Catalog Codes: SLA2332

CAS#: 83-32-9

RTECS: AB1000000

TSCA: TSCA 8(b) inventory: Acenaphthene

CI#: Not applicable.

Synonym: Ethylenenaphthalene

Chemical Name: 1,8-Dehydroacenaphthalene

Chemical Formula: C10H6(CH2)2

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Acenaphthene	83-32-9	100

Toxicological Data on Ingredients: Acenaphthene LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Flammable in presence of oxidizing materials.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Combustible.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Solid needles.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 154.21 g/mole

Color: White.

pH (1% soln/water): Not applicable.

Boiling Point: 277.5°C (531.5°F)

Melting Point: 93.6 (200.5°F)

Critical Temperature: Not available.

Specific Gravity: 1.02 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol.

Solubility:
Partially soluble in methanol. Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Material is irritating to mucous membranes and upper respiratory tract.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:

Pennsylvania RTK: Acenaphthene Massachusetts RTK: Acenaphthene New Jersey: Acenaphthene TSCA 8(b) inventory: Acenaphthene CERCLA: Hazardous substances.: Acenaphthene

Other Regulations: Not available.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): R36/38- Irritating to eyes and skin.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II.

Other Special Considerations: Not available.

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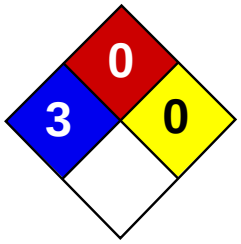

Health	3
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet
Zinc AA Standard MSDS

Section 1: Chemical Product and Company Identification

Product Name: Zinc AA Standard

Catalog Codes: SLZ1090

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Zinc; Nitric acid, 70%; Water

CI#: Not applicable.

Synonym:

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Zinc	7440-66-6	0.1
Water	7732-18-5	95.5
Nitric acid, fuming	7697-37-2	4.41

Toxicological Data on Ingredients: Zinc LD50: Not available. LC50: Not available. Nitric acid, fuming: VAPOR (LC50): Acute: 67 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:
Very hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Non-sensitizer for skin. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes.

Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:
If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive to explosive in presence of reducing materials, of combustible materials, of organic materials.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

Large Spill:
Corrosive liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as alkalis. May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

Storage:
May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package. Corrosive materials should be stored in a separate safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
Zinc TWA: 10 (mg/m3) from OSHA Nitric acid, fuming TWA: 2 CEIL: 4 (ppm) TWA: 5 CEIL: 10 (mg/m3) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Clear Colorless.

pH (1% soln/water): Acidic.

Boiling Point: The lowest known value is 82.6°C (180.7°F) (Nitric acid, fuming). Weighted average: 99.23°C (210.6°F)

Melting Point: May start to solidify at -41.6°C (-42.9°F) based on data for: Nitric acid, fuming.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 1.02 (Water = 1)

Vapor Pressure:
The highest known value is 45 mm of Hg (@ 20°C) (Nitric acid, fuming). Weighted average: 18.75 mm of Hg (@ 20°C)

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: The highest known value is 0.29 ppm (Nitric acid, fuming)

Water/Oil Dist. Coeff.: The product is insoluble in water and oil.

Ionicity (in Water): Not available.

Dispersion Properties:
Very slightly dispersed in n-octanol. Is not dispersed in cold water, hot water, methanol, diethyl ether, acetone.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances:
Highly reactive with alkalis. Slightly reactive to reactive with reducing agents, combustible materials, organic materials, metals, acids.

Corrosivity:
Highly corrosive in presence of aluminum, of zinc, of copper. Corrosive in presence of steel. Slightly corrosive to corrosive in presence of stainless steel(304), of stainless steel(316). Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute toxicity of the vapor (LC50): 1519 ppm 4 hour(s) (Rat) (Calculated value for the mixture).

Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes.

Other Toxic Effects on Humans: Very hazardous in case of skin contact (corrosive, irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation:
Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source ia s potential dust explosion hazard. (Zinc)

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 8: Corrosive liquid.

Identification: : Nitric acid, solution (Nitric acid, fuming) : UN2031 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: Zinc; Nitric acid, 70% Massachusetts RTK: Zinc; Nitric acid, 70% TSCA 8(b) inventory: Zinc; Nitric acid, 70%; Water SARA 302/304/311/312 extremely hazardous substances: Nitric acid, 70% SARA 313 toxic chemical notification and release reporting: Zinc; Nitric acid, 70% CERCLA: Hazardous substances.: Zinc; Nitric acid, 70%;

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):
R23- Toxic by inhalation. R35- Causes severe burns.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 0

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 12:18 AM

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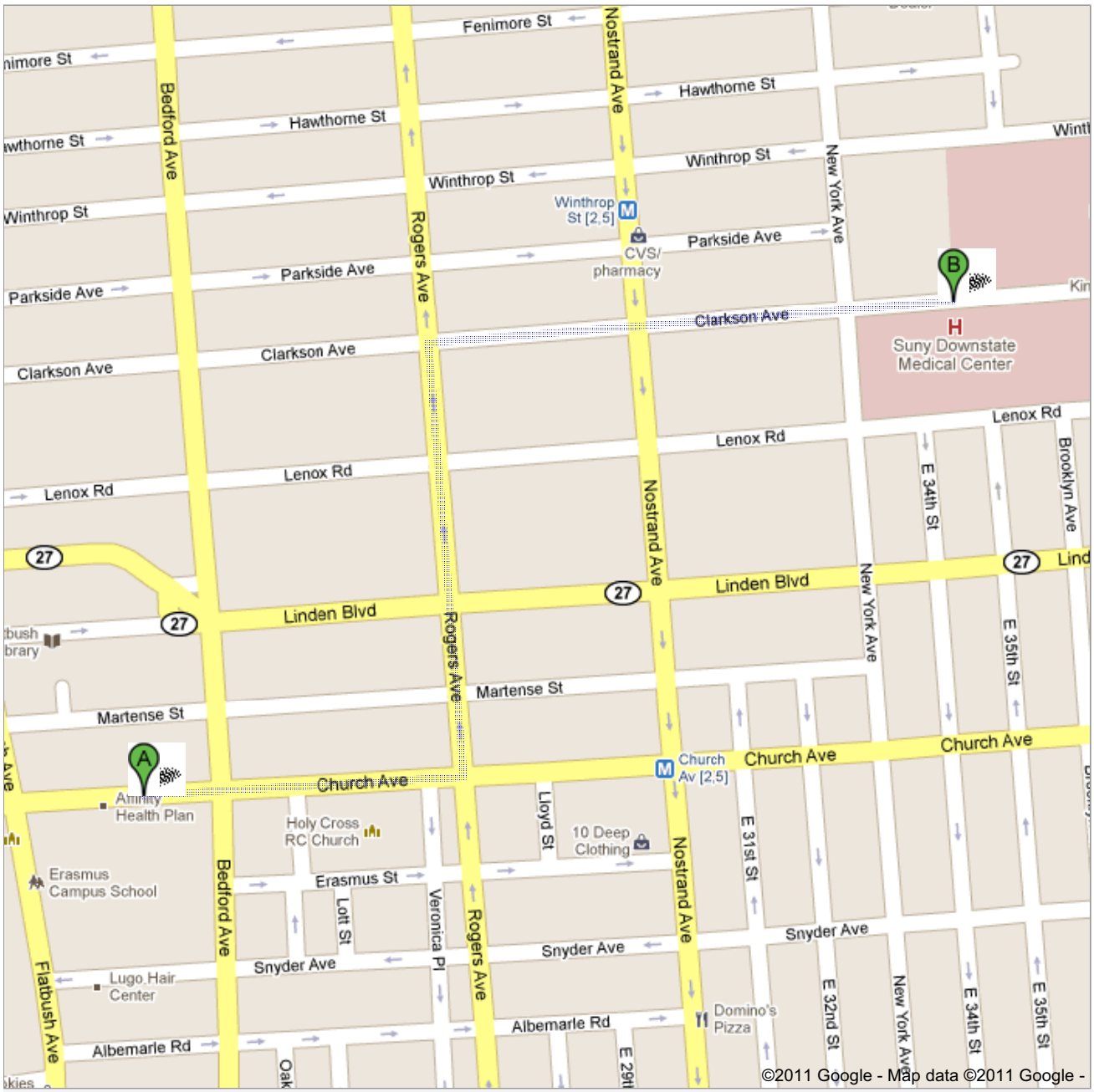


APPENDIX C – SOIL BORING GEOLOGIC LOGS

anteagroup

Project No: BG2244CHUR
Logged By: Tim Fisher
Driller: Tri-State Drilling Tech, Inc.
Drilling Method: Hollow Stem Auger
Sampling Method: 2ft Split Spoon
Casing Type: PVC
Slot Size: 0.010
Gravel Pack: Filter Sand

Client: Babaev Group
Location: 2244 Church Avenue, Brooklyn, NY
Date Drilled: 4/26,28&29/11
Borehole Depth: 49'
Well Diameter: 2-inch
Well Depth: 49'
Screened Interval: 39-49' bgs

BORING/WELL NO.: SB-1/MW-1
PAGE 1 of 1

Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
PVC Riser									Surface - Asphalt
		dry	0.0	10-7-5-4	1, 2			SC	0-2 ft bgs: Dark brown, clayey poorly graded SAND, brick (FILL)
		dry	0.0	2-2-1-2	3, 4			SC	2-4 ft bgs: Same as above
		dry	0.0	3-3-2-3	5, 6			CL	4-6 ft bgs: Brown, sandy CLAY, brick (FILL)
		dry	0.0	16-21-17-20	7, 8			N/A	6-8 ft bgs: No Recovery
		dry	0.0	6-7-15-16	9, 10			CL/SP	8-10 ft bgs: 8-9ft same as above (FILL) / 9-10ft Brown, poorly graded silty SAND, little angular gravel (NATIVE).
		dry	0.0	14-16-13-14	11, 12			SP	10-12 ft bgs: Same as above
		dry	0.0	20-18-21-16	13, 14			SP	12-14 ft bgs: Same as above
		dry	0.0	10-9-13-15	15, 16			SP	14-16 ft bgs: Light brown, poorly graded SAND, little rounded gravel
		dry	0.0	13-17-13-15	17, 18			SP	16-18 ft bgs: Same as above
		dry	0.0	12-9-13-13	19, 20			SP	18-20 ft bgs: Same as above
		dry	0.0	14-11-12-11	21, 22			SP	20-22 ft bgs: Same as above

FILL

NATIVE

Project No: BG2244CHUR
Logged By: Tim Fisher
Driller: Tri-State Drilling Tech, Inc.
Drilling Method: Hollow Stem Auger
Sampling Method: 2ft Split Spoon
Casing Type: PVC
Slot Size: 0.010
Gravel Pack: Filter Sand

Client: Babaev Group
Location: 2244 Church Avenue, Brooklyn, NY
Date Drilled: 4/26,28&29/11
Borehole Depth: 49'
Well Diameter: 2-inch
Well Depth: 49'
Screened Interval: 39-49' bgs

BORING/WELL NO.: SB-1/MW-1
PAGE 1 of 1

Well Completion: PVC Riser; Bentonite; Filter Pack; PVC

Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
				23				
	dry	0.0	10-14-11-14	24			SP	22-24 ft bgs: Same as above
	dry	0.0	9-11-10-9	25			SP	24-26 ft bgs: Same as above
	dry	0.0	9-12-10-9	26			SP	26-28 ft bgs: Same as above
	dry	0.0	8-13-9-13	27			SP	28-30 ft bgs: Same as above
	dry	0.0	11-12-15-18	28			SP	30-32 ft bgs: Same as above
	dry	0.0	15-17-17-15	29			SP	32-34 ft bgs: Same as above
	dry	0.0	15-18-15-13	30			SP	34-36 ft bgs: Dark brown, SAND, little gravel.
	dry	0.0	11-11-13-13	31			SP	36-38 ft bgs: Same as above
	dry	0.0	22-16-19-20	32			SP	38-40 ft bgs: Same as above
▼	moist	0.0	9-8-7-8	33			SW	40-42 ft bgs: Dark brown to tan, medium SAND, some gravel
	Sat.	0.0	6-8-7-8	34			SW	42-44 ft bgs: same as above

Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: SB-1/MW-1
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: Tri-State Drilling Tech, Inc.	Date Drilled: 4/26,28&29/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 49'	
Sampling Method: 2ft Split Spoon	Well Diameter: 2-inch	
Casing Type: PVC	Well Depth: 49'	
Slot Size: 0.010	Screened Interval: 39-49' bgs	
Gravel Pack: Filter Sand		

Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
PVC, Filter Pack					45				
					46				
					47				
					48				
					49				Boring terminated at 49ft bgs
					50				
					51				
					52				
					53				
					54				
					55				
					56				
					57				
					58				
					59				
					60				
					61				
					62				
					63				
					64				
					65			SP	
					66				

Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: SB-2/MW-2
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: Tri-State Drilling Tech, Inc.	Date Drilled: 4/26&28/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 48'	
Sampling Method: 2ft Split Spoon	Well Diameter: 2-inch	
Casing Type: PVC	Well Depth: 48'	
Slot Size: 0.010	Screened Interval: 38-48' bgs	
Gravel Pack: Filter Sand		

Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
PVC Riser									Surface - Asphalt
					1				
		dry	0.7	9-12-21-23	2			SC	0-2 ft bgs: Dark brown, clayey SAND, brick, glass (FILL)
					3				
		dry	0.5	7-5-2-10				SC	2-4 ft bgs: Same as above
					4				
		dry	0.5	1-1-9-7	5			SC	4-6 ft bgs: Same as above
					6				
									NOTE: Augers hitting rock (cobbles?) 5-8.5 ft bgs
		dry	0.3	5-7-11-12	7			SC	6-8 ft bgs: Same as above — FILL
					8				
		dry	0.2	3-5-7-10	9			SP	8-10 ft bgs: Light brown, poorly graded SAND, little well rounded gravel. — NATIVE
					10				
		dry	0.2	8-10-10-11	11			SP	10-12 ft bgs: Same as above
					12				
		dry	0.2	9-8-11-10	13			SP	12-14 ft bgs: Same as above
					14				
		dry	0.2	8-12-12-11	15			SP	14-16 ft bgs: Same as above
					16				
		dry	0.0	10-12-10-15	17			SP	16-18 ft bgs: Same as above
					18				
		dry	0.0	11-10-9-13	19			SP	18-20 ft bgs: Same as above
					20				
		dry	0.0	10-12-12-13	21			SP	20-22 ft bgs: Same as above
					22				

Project No: BG2244CHUR
Logged By: Tim Fisher
Driller: Tri-State Drilling Tech, Inc.
Drilling Method: Hollow Stem Auger
Sampling Method: 2ft Split Spoon
Casing Type: PVC
Slot Size: 0.010
Gravel Pack: Filter Sand

Client: Babaev Group
Location: 2244 Church Avenue, Brooklyn, NY
Date Drilled: 4/26&28/11
Borehole Depth: 48'
Well Diameter: 2-inch
Well Depth: 48'
Screened Interval: 38-48' bgs

BORING/WELL NO.: SB-2/MW-2
PAGE 1 of 1

Well Completion: PVC Riser; Bentonite; Filter Pack; PVC

Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
				23				
	dry	0.0	10-11-11-13	24			SP	22-24 ft bgs: Same as above
				25				
	dry	0.0	9-12-12-14				SP	24-26 ft bgs: Same as above
				26				
	dry	0.0	9-11-12-13	27			SP	26-28 ft bgs: Same as above
				28				
	dry	0.0	10-13-15-13	29			SP	28-30 ft bgs: Same as above
				30				
	dry	0.0	11-11-18-18	31			SP	30-32 ft bgs: Same as above
				32				
	dry	0.0	19-22-18-17	33			SP	32-34 ft bgs: Same as above
				34				
	dry	0.0	19-28-32-25	35			SP	34-36 ft bgs: Dark brown, SAND, little gravel.
				36				
	dry	0.0	11-16-18-19	37			SP	36-38 ft bgs: Same as above
				38				
	dry	0.0	20-20-21-18	39			SP	38-40 ft bgs: Same as above
				40				
▼	moist	0.0	9-11-13-13	41			SP	40-42 ft bgs: Same as above
				42				
	Sat.	0.0	9-10-10-13	43			SW	42-44 ft bgs: same as above
				44				

Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: SB-2/MW-2
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: Tri-State Drilling Tech, Inc.	Date Drilled: 4/26&28/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 48'	
Sampling Method: 2ft Split Spoon	Well Diameter: 2-inch	
Casing Type: PVC	Well Depth: 48'	
Slot Size: 0.010	Screened Interval: 38-48' bgs	
Gravel Pack: Filter Sand		

Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
PVC / Filter Pack					45				
					46				
					47				
					48				Boring terminated at 48ft bgs
					49				
					50				
					51				
					52				
					53				
					54				
					55				
					56				
					57				
					58				
					59				
					60				
					61				
					62				
					63				
					64				
					65			SP	
					66				

Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: SB-3/MW-3
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: Tri-State Drilling Tech, Inc.	Date Drilled: 4/26&5/2/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 50'	
Sampling Method: 2ft Split Spoon	Well Diameter: 2-inch	
Casing Type: PVC	Well Depth: 50'	
Slot Size: 0.010	Screened Interval: 40-50' bgs	
Gravel Pack: Filter Sand		

Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
PVC Riser									Surface - Asphalt
					1				
		dry	0.0	18-15-9-7	2			SP	0-2 ft bgs: Brown & Black, silty SAND, brick, glass (FILL)
					3				
		dry	0.0	5-6-12-9				CL	2-4 ft bgs: Brown, plastic CLAY (FILL)
					4				
		dry	0.0	15-12-11-13	5			SP	4-6 ft bgs: Brown, silty poorly graded SAND, brick (FILL)
					6				
		dry	0.0	12-12-14-20	7			N/A	6-8 ft bgs: No Recovery
									NOTE: Augers hitting rock (cobbles?) 6-8 ft bgs
					8				
		dry	0.0	18-22-17-13	9			SP	8-10 ft bgs: Brown, silty poorly graded SAND, brick (FILL)
									FILL
					10				
		dry	0.0	14-12-11-13	11			SP	10-12 ft bgs: Light brown, poorly graded SAND.
									NATIVE
					12				
		dry	0.0	9-12-12-7	13			SP	12-14 ft bgs: Light brown, poorly graded SAND, little well rounded gravel.
					14				
		dry	0.0	8-9-8-11	15			SP	14-16 ft bgs: Same as above
					16				
		dry	0.0	13-10-9-13	17			SP	16-18 ft bgs: Same as above
					18				
		dry	0.0	14-9-12-13	19			SP	18-20 ft bgs: Same as above
					20				
		dry	0.0	12-15-17-12	21			SP	20-22 ft bgs: Same as above
					22				

Project No: BG2244CHUR
Logged By: Tim Fisher
Driller: Tri-State Drilling Tech, Inc.
Drilling Method: Hollow Stem Auger
Sampling Method: 2ft Split Spoon
Casing Type: PVC
Slot Size: 0.010
Gravel Pack: Filter Sand

Client: Babaev Group
Location: 2244 Church Avenue, Brooklyn, NY
Date Drilled: 4/26&5/2/11
Borehole Depth: 50'
Well Diameter: 2-inch
Well Depth: 50'
Screened Interval: 40-50' bgs

BORING/WELL NO.: SB-3/MW-3

Well Completion: PVC Riser; Bentonite; PVC; Filter Pack

Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
				23				
	dry	0.0	9-11-11-3	24			SP	22-24 ft bgs: Same as above
	dry	0.0	9-9-11-11	25			SP	24-26 ft bgs: Same as above
	dry	0.0	9-10-12-9	26			SP	26-28 ft bgs: Same as above
	dry	0.0	11-12-9-12	27			SP	28-30 ft bgs: Same as above
	dry	0.0	11-11-18-18	28			SP	30-32 ft bgs: Same as above
	dry	0.0	16-18-20-22	29			SW	32-34 ft bgs: Dark brown & tan, well graded SAND, little pebble.
	dry	0.0	19-20-22-20	30			SW	34-36 ft bgs: Same as above
	dry	0.0	13-13-13-13	31			SW	36-38 ft bgs: Same as above
	dry	0.0	15-20-23-25	32			SW	38-40 ft bgs: Same as above
▼	moist	0.0	14-11-13-15	33			SW	40-42 ft bgs: Same as above
	Sat.	0.0	9-2-7-8	34			SW	42-44 ft bgs: same as above
				35				
				36				
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				

Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: SB-3/MW-3
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: Tri-State Drilling Tech, Inc.	Date Drilled: 4/26&5/2/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 50'	
Sampling Method: 2ft Split Spoon	Well Diameter: 2-inch	
Casing Type: PVC	Well Depth: 50'	
Slot Size: 0.010	Screened Interval: 40-50' bgs	
Gravel Pack: Filter Sand		

Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
PVC, Filter Pack					45				
					46				
					47				
					48				
					49				
					50				Boring terminated at 50ft bgs
					51				
					52				
					53				
					54				
					55				
					56				
					57				
					58				
					59				
					60				
					61				
					62				
					63				
					64				
					65			SP	
					66				

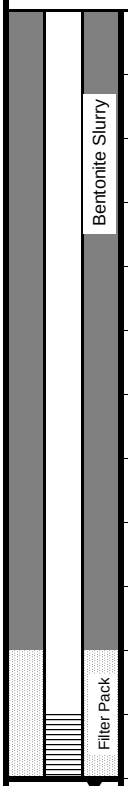
Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: SB-4
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: Tri-State Drilling Tech, Inc.	Date Drilled: 4/25/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 10'	
Sampling Method: 2ft Split Spoon	Well Diameter: N/A	
Casing Type: N/A	Well Depth: N/A	
Slot Size: N/A	Screened Interval: N/A	
Gravel Pack: N/A		

Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								Surface - Asphalt
				1				
	dry	0.3	5-7-2-9	2			CL	0-2 ft bgs: Dark brown, sandy CLAY, brick (FILL)
				3				
	dry	0.6	20-16-11-7				CL	2-4 ft bgs: Same as above (FILL)
				4				
	dry	0.8	11-8-10-9	5			CL	4-6 ft bgs: Same as above (FILL)
				6				
	dry	0.6	14-22-25-13	7			N/A	6-8 ft bgs: No Recovery FILL
				8				
	dry	0.0	2-3-2-2	9			SP	8-10 ft bgs: Brown, poorly graded SAND. NATIVE
				10				Boring terminated at 10ft bgs
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: SB-5
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: Tri-State Drilling Tech, Inc.	Date Drilled: 4/26/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 6'	
Sampling Method: 2ft Split Spoon	Well Diameter: N/A	
Casing Type: N/A	Well Depth: N/A	
Slot Size: N/A	Screened Interval: N/A	
Gravel Pack: N/A		

Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								Surface - Asphalt
				1				
	dry	0.0	18-21-32-18	2			SP	0-2 ft bgs: Brown, clayey SAND, brick (FILL)
				3				
	dry	0.0	7-7-14-19				CL	2-4 ft bgs: Brown, stiff CLAY, brick (FILL) — FILL
				4				
	dry	0.0	10-11-10-11	5			SP	4-6 ft bgs: Brown, poorly graded SAND, some well rounded gravel. — NATIVE
				6				Boring Terminated at 6 ft bgs
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

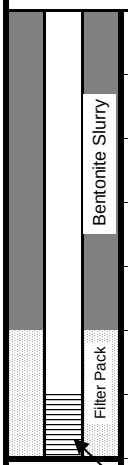
Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: VP-1
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: General Borings, Inc.	Date Drilled: 4/29/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 12'	
Sampling Method: 2ft Split Spoon	Well Diameter: N/A	
Casing Type: Poly. Tubing	Well Depth: 12'	
Slot Size: 0.145 mm (soil vapor implant)	Screened Interval: 11-12'	
Gravel Pack: 10-12'		



Stainless Soil Vapor Implant - Geoprobe AT96 series

Depth (feet)	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								Surface - Asphalt
1								
2								
3								
4								
5								
6		dry	0.1	9-2-17-27				5-7 ft bgs: Dark brown, SAND, brick.
7								
8		dry	0.2	27-51-50-45				7-9 ft bgs: Same as above
9								
10								
11		dry	0.2	17-28-45-50				10-12 ft bgs: Same as above
12								Boring terminated at 12 ft bgs
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								

Project No: BG2244CHUR	Client: Babaev Group	BORING/WELL NO.: VP-2
Logged By: Tim Fisher	Location: 2244 Church Avenue, Brooklyn, NY	PAGE 1 of 1
Driller: General Borings, Inc.	Date Drilled: 4/28/11	
Drilling Method: Hollow Stem Auger	Borehole Depth: 7'	
Sampling Method: 2ft Split Spoon	Well Diameter: N/A	
Casing Type: Poly. Tubing	Well Depth: 7'	
Slot Size: 0.145 mm (soil vapor implant)	Screened Interval: 6-7'	
Gravel Pack: 5-7'		



Stainless Soil Vapor Implant - Geoprobe AT96 series

Depth (feet)	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/ft)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								Surface - Asphalt
1								
2		dry	0.0				N/A	0-2 ft bgs: No Recovery
3		dry	0.0				SW	2-4 ft bgs: Tannish brown, silty fine SAND, (FILL)
4								
5		dry	0.0				SW	4-6 ft bgs: Same as above
6		dry	0.0					6-7 ft bgs: Dark brown, silty fine SAND, few gravel
7								Boring terminated at 7 ft bgs
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								

APPENDIX D – SAMPLING LOGS

Soil Vapor Sampling
Field Data Sheet

anteagroup

SAMPLE INFORMATION

Site ID: BG2244CHUR
(i.e. BP 01119)

Sample Time: 16:00

Site Location: 2244 Church Ave. BKlyn, NY
(Staten Island, NY)

Sample Date: 5-2-11

Sample ID: VP-1
(VP-1)

Sample Personnel: MC, GS

Sample Interval: 11' – 12'
(7-8 ft bgs)

Project Manager: Tim Fisher

Purge Equipment: Aircheck Sampler Mude/224 PCXR8 Dielectric MGD-2002
(Airchek Sampler air pump)

Tracer Gas: Helium
(i.e. Helium, Isobutylene)

Tracer gas detected before being applied / Tracer gas dectected after being applied: 0.0 / 0.0
(i.e. Reading before / Reading after)

Volume of Implant and Tubing: 0.01836
(Liters)

Purge Rate: 0.2L/min
(Liters per minute - not to exceed 0.2L/min)

Amount purged: 0.1836 L
(Liters)

Sample Equipment: (6L) Canister-006 Regulator-146
(Summa Canister & size (6 L) / Canister ID / Regulator ID)

Sample Start Time: 14:00

Sample Stop Time 15:50

Summa Canister Pressure - Start / End: * 24" ~~26"~~ / ~~1~~0.5"

Weather: 55°-60° overcast

Notes:

LABORATORY DATA

Lab Name: Accutest
(i.e. Lancaster)

Requested Analysis: VOCs via TO-15
(i.e. VOCs via TO-15)

Turn Around Time: 3 Day TAT
(i.e. Standard, 24 hr, etc.)

Soil Vapor Sampling
Field Data Sheet

anteagroup

SAMPLE INFORMATION

Site ID: BG2244CHUR
(i.e. BP 01119)

Sample Time: 16:30

Site Location: 2244 Church Ave. Bklyn., NY
(Staten Island, NY)

Sample Date: 5-2-11

Sample ID: VP-2
(VP-1)

Sample Personnel: MC, GS

Sample Interval: 6' - 7'
(7-8 ft bgs)

Project Manager: Tim Fisher

Purge Equipment: Aircheck Sampler Model 224 PC XRF Dielectric MGD-2002
(Airchek Sampler air pump)

Tracer Gas: Helium
(i.e. Helium, Isobutylene)

Tracer gas detected before being applied / Tracer gas dectected after being applied: 2.0 / 2.1
(i.e. Reading before / Reading after)

Volume of Implant and Tubing: 0.02754 L
(Liters)

Purge Rate: 0.2 L/min
(Liters per minute - not to exceed 0.2L/min)

Amount purged: 0.02754 L
(Liters)

Sample Equipment: (6L) Canister - 163 Regulator - 113
(Summa Canister & size (6 L) / Canister ID / Regulator ID)

Sample Start Time: 14:30

Sample Stop Time 16:25

Summa Canister Pressure - Start / End: 26" / 2"

Weather: 55° - 60° overcast

Notes:

LABORATORY DATA

Lab Name: Accutest
(i.e. Lancaster)

Requested Analysis: VOCs via TO-15
(i.e. VOCs via TO-15)

Turn Around Time: 3 Day TAT
(i.e. Standard, 24 hr, etc.)

Soil Vapor Sampling
Field Data Sheet

anteagroup

SAMPLE INFORMATION

Site ID: BG 2244 CHUR
(i.e. BP 01119)

Sample Time: 16:30

Site Location: 2244 Church Ave. Bklyn., NY
(Staten Island, NY)

Sample Date: 5-2-11

Sample ID: Ambient air Sample (AS-1)
(VP-1)

Sample Personnel: MC, GS

Sample Interval:
(7-8 ft bgs)

Project Manager: Tim Fisher

Purge Equipment:
(Airchek Sampler air pump)

Tracer Gas:
(i.e. Helium, Isobutylene)

Tracer gas detected before being applied / Tracer gas dectected after being applied:
(i.e. Reading before / Reading after)

Volume of Implant and Tubing:
(Liters)

Purge Rate:
(Liters per minute - not to exceed 0.2L/min)

Amount purged:
(Liters)

Sample Equipment: (6L) Canister - 146 Regulator - 140
(Summa Canister & size (6 L) / Canister ID / Regulator ID)

Sample Start Time: 14:30

Sample Stop Time 16:30

Summa Canister Pressure - Start / End: 28" / 2"

Weather: 55°-60° overcast

Notes:

LABORATORY DATA

Lab Name: Accutest
(i.e. Lancaster)

Requested Analysis: VOCs via TO-15
(i.e. VOCs via TO-15)

Turn Around Time: 3 Day TAT
(i.e. Standard, 24 hr, etc.)

APPENDIX E – LABORATORY DATA DELIVERABLES FOR SOIL ANALYTICAL DATA

New England ACCUTEST LABORATORIES

05/04/11

Technical Report for

Antea Group

2244 Church Ave. Brooklyn, NY

2244CHUR

Accutest Job Number: M99692

Sampling Dates: 04/25/11 - 04/26/11

Report to:

Antea Group
500 Summit Lake Drive Suite 150
Valhalla, NY 10595
timothy.fisher@anteagroup.com

ATTN: Tim Fisher

Total number of pages in report: **87**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Accutest Laboratories

Sample Summary

Antea Group

Job No: M99692

2244 Church Ave. Brooklyn, NY
Project No: 2244CHUR

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M99692-1	04/26/11	08:10	TF	04/27/11	SO	Soil	SB-1 (0-2')
M99692-2	04/26/11	08:27	TF	04/27/11	SO	Soil	SB-1 (10-12')
M99692-3	04/26/11	12:50	TF	04/27/11	SO	Soil	SB-2 (0-2')
M99692-3D	04/26/11	12:50	TF	04/27/11	SO	Soil Dup/MSD	SB-2 (0-2')
M99692-3S	04/26/11	12:50	TF	04/27/11	SO	Soil Matrix Spike	SB-2 (0-2')
M99692-4	04/26/11	13:33	TF	04/27/11	SO	Soil	SB-2 (10-12')
M99692-5	04/26/11	09:35	TF	04/27/11	SO	Soil	SB-3 (0-2')
M99692-6	04/26/11	09:58	TF	04/27/11	SO	Soil	SB-3 (10-12')
M99692-7	04/25/11	13:10	TF	04/27/11	SO	Soil	SB-4 (0-2')
M99692-8	04/25/11	13:35	TF	04/27/11	SO	Soil	SB-4 (8-10')
M99692-9	04/26/11	11:10	TF	04/27/11	SO	Soil	SB-5 (0-2')
M99692-10	04/26/11	11:24	TF	04/27/11	SO	Soil	SB-5 (4-6')

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2')		
Lab Sample ID:	M99692-1	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	93.5
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K51968.D	1	04/29/11	GK	n/a	n/a	MSK1723
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.57 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	420	ug/kg	
71-43-2	Benzene	ND	42	ug/kg	
75-27-4	Bromodichloromethane	ND	170	ug/kg	
75-25-2	Bromoform	ND	170	ug/kg	
74-83-9	Bromomethane	ND	170	ug/kg	
78-93-3	2-Butanone (MEK)	ND	420	ug/kg	
75-15-0	Carbon disulfide	ND	420	ug/kg	
56-23-5	Carbon tetrachloride	ND	170	ug/kg	
108-90-7	Chlorobenzene	ND	170	ug/kg	
75-00-3	Chloroethane	ND	420	ug/kg	
67-66-3	Chloroform	ND	170	ug/kg	
74-87-3	Chloromethane	ND	420	ug/kg	
124-48-1	Dibromochloromethane	ND	170	ug/kg	
75-34-3	1,1-Dichloroethane	ND	170	ug/kg	
107-06-2	1,2-Dichloroethane	ND	170	ug/kg	
75-35-4	1,1-Dichloroethene	ND	170	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	170	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	170	ug/kg	
78-87-5	1,2-Dichloropropane	ND	170	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	170	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	170	ug/kg	
100-41-4	Ethylbenzene	ND	170	ug/kg	
591-78-6	2-Hexanone	ND	420	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	420	ug/kg	
75-09-2	Methylene chloride	ND	170	ug/kg	
100-42-5	Styrene	ND	420	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	ug/kg	
127-18-4	Tetrachloroethene	ND	170	ug/kg	
108-88-3	Toluene	ND	420	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	170	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	170	ug/kg	
79-01-6	Trichloroethene	ND	170	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2')		
Lab Sample ID:	M99692-1	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	93.5
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	170	ug/kg	
1330-20-7	Xylene (total)	ND	170	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	117%		70-130%
460-00-4	4-Bromofluorobenzene	120%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2')		
Lab Sample ID:	M99692-1	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	93.5
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72133.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	260	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	520	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	520	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	520	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	520	ug/kg	
95-48-7	2-Methylphenol	ND	520	ug/kg	
	3&4-Methylphenol	ND	520	ug/kg	
88-75-5	2-Nitrophenol	ND	520	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	ug/kg	
87-86-5	Pentachlorophenol	ND	520	ug/kg	
108-95-2	Phenol	ND	260	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	520	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	520	ug/kg	
83-32-9	Acenaphthene	311	260	ug/kg	
208-96-8	Acenaphthylene	ND	260	ug/kg	
120-12-7	Anthracene	585	260	ug/kg	
56-55-3	Benzo(a)anthracene	2000	260	ug/kg	
50-32-8	Benzo(a)pyrene	1760	260	ug/kg	
205-99-2	Benzo(b)fluoranthene	1540	260	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1430	260	ug/kg	
207-08-9	Benzo(k)fluoranthene	1490	260	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	260	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	260	ug/kg	
91-58-7	2-Chloronaphthalene	ND	260	ug/kg	
106-47-8	4-Chloroaniline	ND	520	ug/kg	
86-74-8	Carbazole	282	260	ug/kg	
218-01-9	Chrysene	1850	260	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	260	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	260	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	260	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	260	ug/kg	

ND = Not detected
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2')		
Lab Sample ID:	M99692-1	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	93.5
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	260	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	260	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	260	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	520	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	520	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	260	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	645	260	ug/kg	
132-64-9	Dibenzofuran	ND	260	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	260	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	260	ug/kg	
84-66-2	Diethyl phthalate	ND	260	ug/kg	
131-11-3	Dimethyl phthalate	ND	260	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	260	ug/kg	
206-44-0	Fluoranthene	4020	260	ug/kg	
86-73-7	Fluorene	ND	260	ug/kg	
118-74-1	Hexachlorobenzene	ND	260	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	520	ug/kg	
67-72-1	Hexachloroethane	ND	260	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1340	260	ug/kg	
78-59-1	Isophorone	ND	260	ug/kg	
91-57-6	2-Methylnaphthalene	ND	260	ug/kg	
88-74-4	2-Nitroaniline	ND	520	ug/kg	
99-09-2	3-Nitroaniline	ND	520	ug/kg	
100-01-6	4-Nitroaniline	ND	520	ug/kg	
91-20-3	Naphthalene	ND	260	ug/kg	
98-95-3	Nitrobenzene	ND	260	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	260	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	260	ug/kg	
85-01-8	Phenanthrene	2660	260	ug/kg	
129-00-0	Pyrene	3410	260	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		30-130%
4165-62-2	Phenol-d5	69%		30-130%
118-79-6	2,4,6-Tribromophenol	71%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	74%		30-130%

ND = Not detected
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2')		
Lab Sample ID:	M99692-1	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	93.5
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2')		
Lab Sample ID:	M99692-1	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	93.5
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2654.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	6.7	ug/kg	
319-84-6	alpha-BHC	ND	6.7	ug/kg	
319-85-7	beta-BHC	ND	6.7	ug/kg	
319-86-8	delta-BHC	ND	6.7	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.7	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.7	ug/kg	
60-57-1	Dieldrin	ND	6.7	ug/kg	
72-54-8	4,4'-DDD	ND	6.7	ug/kg	
72-55-9	4,4'-DDE	ND	6.7	ug/kg	
50-29-3	4,4'-DDT	ND	6.7	ug/kg	
72-20-8	Endrin	ND	6.7	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.7	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.7	ug/kg	
959-98-8	Endosulfan-I	ND	6.7	ug/kg	
33213-65-9	Endosulfan-II	ND	6.7	ug/kg	
76-44-8	Heptachlor	ND	6.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.7	ug/kg	
72-43-5	Methoxychlor	ND	6.7	ug/kg	
53494-70-5	Endrin ketone	ND	6.7	ug/kg	
8001-35-2	Toxaphene	ND	67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		30-150%
877-09-8	Tetrachloro-m-xylene	65%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%
2051-24-3	Decachlorobiphenyl	141%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2')		
Lab Sample ID:	M99692-1	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	93.5
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36255.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	75%		30-150%
2051-24-3	Decachlorobiphenyl	96%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2')		
Lab Sample ID:	M99692-1	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	93.5
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	6600	28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	3.0	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	43.8	0.55	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	0.41	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	1950	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	19.1	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	5.8	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	27.5	1.1	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	13300	28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	40.7	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	3290	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	321	0.55	mg/kg	10	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	0.045	0.033	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	32.7	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	1110	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.67	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	214	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [b]	< 0.55	0.55	mg/kg	10	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	22.4	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	47.3	2.2	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.
(b) Elevated detection limit due to dilution required for matrix interference. Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12')		
Lab Sample ID:	M99692-2	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	96.1
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52815.D	1	05/03/11	AMY	n/a	n/a	MSP1748
Run #2							

	Initial Weight	Final Volume
Run #1	6.17 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	4.2	ug/kg	
71-43-2	Benzene	ND	0.42	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	ug/kg	
75-25-2	Bromoform	ND	1.7	ug/kg	
74-83-9	Bromomethane	ND	1.7	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	ug/kg	
75-15-0	Carbon disulfide	ND	4.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	ug/kg	
75-00-3	Chloroethane	ND	4.2	ug/kg	
67-66-3	Chloroform	ND	1.7	ug/kg	
74-87-3	Chloromethane	ND	4.2	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	ug/kg	
100-41-4	Ethylbenzene	ND	1.7	ug/kg	
591-78-6	2-Hexanone	ND	4.2	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	ug/kg	
75-09-2	Methylene chloride	ND	1.7	ug/kg	
100-42-5	Styrene	ND	4.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	ug/kg	
108-88-3	Toluene	ND	4.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	ug/kg	
79-01-6	Trichloroethene	ND	1.7	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12')		
Lab Sample ID:	M99692-2	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	96.1
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.7	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	112%		70-130%
460-00-4	4-Bromofluorobenzene	111%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12')		
Lab Sample ID:	M99692-2	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	96.1
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72134.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	250	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	510	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	510	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	510	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	510	ug/kg	
95-48-7	2-Methylphenol	ND	510	ug/kg	
	3&4-Methylphenol	ND	510	ug/kg	
88-75-5	2-Nitrophenol	ND	510	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	ug/kg	
87-86-5	Pentachlorophenol	ND	510	ug/kg	
108-95-2	Phenol	ND	250	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	510	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	510	ug/kg	
83-32-9	Acenaphthene	ND	250	ug/kg	
208-96-8	Acenaphthylene	ND	250	ug/kg	
120-12-7	Anthracene	ND	250	ug/kg	
56-55-3	Benzo(a)anthracene	ND	250	ug/kg	
50-32-8	Benzo(a)pyrene	ND	250	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	250	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	250	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	250	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	250	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	250	ug/kg	
91-58-7	2-Chloronaphthalene	ND	250	ug/kg	
106-47-8	4-Chloroaniline	ND	510	ug/kg	
86-74-8	Carbazole	ND	250	ug/kg	
218-01-9	Chrysene	ND	250	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	250	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	250	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	250	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	250	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12')		
Lab Sample ID:	M99692-2	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	96.1
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	250	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	250	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	250	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	510	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	510	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	250	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	250	ug/kg	
132-64-9	Dibenzofuran	ND	250	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	250	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	250	ug/kg	
84-66-2	Diethyl phthalate	ND	250	ug/kg	
131-11-3	Dimethyl phthalate	ND	250	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	250	ug/kg	
206-44-0	Fluoranthene	ND	250	ug/kg	
86-73-7	Fluorene	ND	250	ug/kg	
118-74-1	Hexachlorobenzene	ND	250	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	510	ug/kg	
67-72-1	Hexachloroethane	ND	250	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250	ug/kg	
78-59-1	Isophorone	ND	250	ug/kg	
91-57-6	2-Methylnaphthalene	ND	250	ug/kg	
88-74-4	2-Nitroaniline	ND	510	ug/kg	
99-09-2	3-Nitroaniline	ND	510	ug/kg	
100-01-6	4-Nitroaniline	ND	510	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
98-95-3	Nitrobenzene	ND	250	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	250	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	250	ug/kg	
85-01-8	Phenanthrene	ND	250	ug/kg	
129-00-0	Pyrene	ND	250	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		30-130%
4165-62-2	Phenol-d5	69%		30-130%
118-79-6	2,4,6-Tribromophenol	69%		30-130%
4165-60-0	Nitrobenzene-d5	68%		30-130%
321-60-8	2-Fluorobiphenyl	73%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12')		
Lab Sample ID:	M99692-2	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	96.1
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12')		
Lab Sample ID:	M99692-2	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	96.1
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2646.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	6.9	ug/kg	
319-84-6	alpha-BHC	ND	6.9	ug/kg	
319-85-7	beta-BHC	ND	6.9	ug/kg	
319-86-8	delta-BHC	ND	6.9	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.9	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.9	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.9	ug/kg	
60-57-1	Dieldrin	ND	6.9	ug/kg	
72-54-8	4,4'-DDD	ND	6.9	ug/kg	
72-55-9	4,4'-DDE	ND	6.9	ug/kg	
50-29-3	4,4'-DDT	ND	6.9	ug/kg	
72-20-8	Endrin	ND	6.9	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.9	ug/kg	
959-98-8	Endosulfan-I	ND	6.9	ug/kg	
33213-65-9	Endosulfan-II	ND	6.9	ug/kg	
76-44-8	Heptachlor	ND	6.9	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.9	ug/kg	
72-43-5	Methoxychlor	ND	6.9	ug/kg	
53494-70-5	Endrin ketone	ND	6.9	ug/kg	
8001-35-2	Toxaphene	ND	69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		30-150%
877-09-8	Tetrachloro-m-xylene	73%		30-150%
2051-24-3	Decachlorobiphenyl	64%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%

ND = Not detected
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12')		
Lab Sample ID:	M99692-2	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	96.1
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36246.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		30-150%
877-09-8	Tetrachloro-m-xylene	67%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12')		
Lab Sample ID:	M99692-2	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	96.1
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	3700	25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	2.0	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	25.6	0.50	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	0.33	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	1340	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	11.7	1.0	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	4.5	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	11.7	1.0	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	10200	25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	4.7	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	2060	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	268	0.50	mg/kg	10	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	< 0.032	0.032	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	30.8	1.0	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	637	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	< 130	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	14.4	1.0	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	20.2	2.0	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (0-2')		
Lab Sample ID:	M99692-3	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	83.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52816.D	1	05/03/11	AMY	n/a	n/a	MSP1748
Run #2							

	Initial Weight	Final Volume
Run #1	6.82 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	4.4	ug/kg	
71-43-2	Benzene	ND	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	ug/kg	
75-25-2	Bromoform	ND	1.7	ug/kg	
74-83-9	Bromomethane	ND	1.7	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.4	ug/kg	
75-15-0	Carbon disulfide	ND	4.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	ug/kg	
75-00-3	Chloroethane	ND	4.4	ug/kg	
67-66-3	Chloroform	ND	1.7	ug/kg	
74-87-3	Chloromethane	ND	4.4	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	ug/kg	
100-41-4	Ethylbenzene	ND	1.7	ug/kg	
591-78-6	2-Hexanone	ND	4.4	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.4	ug/kg	
75-09-2	Methylene chloride	ND	1.7	ug/kg	
100-42-5	Styrene	ND	4.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	ug/kg	
108-88-3	Toluene	ND	4.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	ug/kg	
79-01-6	Trichloroethene	ND	1.7	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (0-2')		
Lab Sample ID:	M99692-3	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	83.9
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.7	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		70-130%
2037-26-5	Toluene-D8	117%		70-130%
460-00-4	4-Bromofluorobenzene	125%		70-130%

ND = Not detected
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (0-2')		
Lab Sample ID:	M99692-3	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72131.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	290	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	590	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	590	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	590	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	590	ug/kg	
95-48-7	2-Methylphenol	ND	590	ug/kg	
	3&4-Methylphenol	ND	590	ug/kg	
88-75-5	2-Nitrophenol	ND	590	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	590	ug/kg	
108-95-2	Phenol	ND	290	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	590	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	590	ug/kg	
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	ug/kg	
106-47-8	4-Chloroaniline	ND	590	ug/kg	
86-74-8	Carbazole	ND	290	ug/kg	
218-01-9	Chrysene	ND	290	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (0-2')		
Lab Sample ID:	M99692-3	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.9
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	590	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	590	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
132-64-9	Dibenzofuran	ND	290	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	ug/kg	
84-66-2	Diethyl phthalate	ND	290	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	ug/kg	
206-44-0	Fluoranthene	ND	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	590	ug/kg	
67-72-1	Hexachloroethane	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
78-59-1	Isophorone	ND	290	ug/kg	
91-57-6	2-Methylnaphthalene	ND	290	ug/kg	
88-74-4	2-Nitroaniline	ND	590	ug/kg	
99-09-2	3-Nitroaniline	ND	590	ug/kg	
100-01-6	4-Nitroaniline	ND	590	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
98-95-3	Nitrobenzene	ND	290	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	ug/kg	
85-01-8	Phenanthrene	ND	290	ug/kg	
129-00-0	Pyrene	ND	290	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		30-130%
4165-62-2	Phenol-d5	67%		30-130%
118-79-6	2,4,6-Tribromophenol	68%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (0-2')		
Lab Sample ID:	M99692-3	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.9
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	75%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (0-2')		
Lab Sample ID:	M99692-3	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	83.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2647.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	7.5	ug/kg	
319-84-6	alpha-BHC	ND	7.5	ug/kg	
319-85-7	beta-BHC	ND	7.5	ug/kg	
319-86-8	delta-BHC	ND	7.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.5	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.5	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.5	ug/kg	
60-57-1	Dieldrin	ND	7.5	ug/kg	
72-54-8	4,4'-DDD	ND	7.5	ug/kg	
72-55-9	4,4'-DDE	ND	7.5	ug/kg	
50-29-3	4,4'-DDT	ND	7.5	ug/kg	
72-20-8	Endrin	ND	7.5	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.5	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.5	ug/kg	
959-98-8	Endosulfan-I	ND	7.5	ug/kg	
33213-65-9	Endosulfan-II	ND	7.5	ug/kg	
76-44-8	Heptachlor	ND	7.5	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.5	ug/kg	
72-43-5	Methoxychlor	ND	7.5	ug/kg	
53494-70-5	Endrin ketone	ND	7.5	ug/kg	
8001-35-2	Toxaphene	ND	75	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	79%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (0-2')		
Lab Sample ID:	M99692-3	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	83.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36247.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	120	ug/kg	
11104-28-2	Aroclor 1221	ND	120	ug/kg	
11141-16-5	Aroclor 1232	ND	120	ug/kg	
53469-21-9	Aroclor 1242	ND	120	ug/kg	
12672-29-6	Aroclor 1248	ND	120	ug/kg	
11097-69-1	Aroclor 1254	ND	120	ug/kg	
11096-82-5	Aroclor 1260	ND	120	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		30-150%
877-09-8	Tetrachloro-m-xylene	79%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	78%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (0-2')		
Lab Sample ID:	M99692-3	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	83.9
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	5610	30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.30	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	2.1	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	36.8	0.59	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	0.38	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.30	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	1590	150	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	17.5	1.2	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	5.0	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	14.9	1.2	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	10900	30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	14.8	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	2750	150	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	311	1.5	mg/kg	25	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	< 0.036	0.036	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	29.6	1.2	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	1210	150	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.39	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.30	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	238	150	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.30	0.30	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	19.3	1.2	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	38.7	2.4	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (10-12')		
Lab Sample ID:	M99692-4	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	95.6
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52817.D	1	05/03/11	AMY	n/a	n/a	MSP1748
Run #2							

	Initial Weight	Final Volume
Run #1	5.77 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	4.5	ug/kg	
71-43-2	Benzene	ND	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	ug/kg	
75-25-2	Bromoform	ND	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.5	ug/kg	
75-15-0	Carbon disulfide	ND	4.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.5	ug/kg	
67-66-3	Chloroform	ND	1.8	ug/kg	
74-87-3	Chloromethane	ND	4.5	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	1.8	ug/kg	
591-78-6	2-Hexanone	ND	4.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5	ug/kg	
75-09-2	Methylene chloride	ND	1.8	ug/kg	
100-42-5	Styrene	ND	4.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	ug/kg	
108-88-3	Toluene	ND	4.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	ug/kg	
79-01-6	Trichloroethene	ND	1.8	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (10-12')		
Lab Sample ID:	M99692-4	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	95.6
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.8	ug/kg	
1330-20-7	Xylene (total)	ND	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	116%		70-130%
460-00-4	4-Bromofluorobenzene	110%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (10-12')		
Lab Sample ID:	M99692-4	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.6
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72135.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	260	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	520	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	520	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	520	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	520	ug/kg	
95-48-7	2-Methylphenol	ND	520	ug/kg	
	3&4-Methylphenol	ND	520	ug/kg	
88-75-5	2-Nitrophenol	ND	520	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	ug/kg	
87-86-5	Pentachlorophenol	ND	520	ug/kg	
108-95-2	Phenol	ND	260	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	520	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	520	ug/kg	
83-32-9	Acenaphthene	ND	260	ug/kg	
208-96-8	Acenaphthylene	ND	260	ug/kg	
120-12-7	Anthracene	ND	260	ug/kg	
56-55-3	Benzo(a)anthracene	ND	260	ug/kg	
50-32-8	Benzo(a)pyrene	ND	260	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	260	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	260	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	260	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	260	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	260	ug/kg	
91-58-7	2-Chloronaphthalene	ND	260	ug/kg	
106-47-8	4-Chloroaniline	ND	520	ug/kg	
86-74-8	Carbazole	ND	260	ug/kg	
218-01-9	Chrysene	ND	260	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	260	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	260	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	260	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	260	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (10-12')		
Lab Sample ID:	M99692-4	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.6
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	260	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	260	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	260	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	520	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	520	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	260	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	260	ug/kg	
132-64-9	Dibenzofuran	ND	260	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	260	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	260	ug/kg	
84-66-2	Diethyl phthalate	ND	260	ug/kg	
131-11-3	Dimethyl phthalate	ND	260	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	260	ug/kg	
206-44-0	Fluoranthene	ND	260	ug/kg	
86-73-7	Fluorene	ND	260	ug/kg	
118-74-1	Hexachlorobenzene	ND	260	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	520	ug/kg	
67-72-1	Hexachloroethane	ND	260	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	260	ug/kg	
78-59-1	Isophorone	ND	260	ug/kg	
91-57-6	2-Methylnaphthalene	ND	260	ug/kg	
88-74-4	2-Nitroaniline	ND	520	ug/kg	
99-09-2	3-Nitroaniline	ND	520	ug/kg	
100-01-6	4-Nitroaniline	ND	520	ug/kg	
91-20-3	Naphthalene	ND	260	ug/kg	
98-95-3	Nitrobenzene	ND	260	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	260	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	260	ug/kg	
85-01-8	Phenanthrene	ND	260	ug/kg	
129-00-0	Pyrene	ND	260	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		30-130%
4165-62-2	Phenol-d5	66%		30-130%
118-79-6	2,4,6-Tribromophenol	69%		30-130%
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	71%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (10-12')		
Lab Sample ID:	M99692-4	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.6
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	79%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (10-12')		
Lab Sample ID:	M99692-4	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	95.6
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2648.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	6.9	ug/kg	
319-84-6	alpha-BHC	ND	6.9	ug/kg	
319-85-7	beta-BHC	ND	6.9	ug/kg	
319-86-8	delta-BHC	ND	6.9	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.9	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.9	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.9	ug/kg	
60-57-1	Dieldrin	ND	6.9	ug/kg	
72-54-8	4,4'-DDD	ND	6.9	ug/kg	
72-55-9	4,4'-DDE	ND	6.9	ug/kg	
50-29-3	4,4'-DDT	ND	6.9	ug/kg	
72-20-8	Endrin	ND	6.9	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.9	ug/kg	
959-98-8	Endosulfan-I	ND	6.9	ug/kg	
33213-65-9	Endosulfan-II	ND	6.9	ug/kg	
76-44-8	Heptachlor	ND	6.9	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.9	ug/kg	
72-43-5	Methoxychlor	ND	6.9	ug/kg	
53494-70-5	Endrin ketone	ND	6.9	ug/kg	
8001-35-2	Toxaphene	ND	69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	75%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%
2051-24-3	Decachlorobiphenyl	74%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (10-12')		
Lab Sample ID:	M99692-4	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	95.6
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36248.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		30-150%
877-09-8	Tetrachloro-m-xylene	93%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (10-12')		
Lab Sample ID:	M99692-4	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	95.6
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	3580	25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	1.4	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	25.5	0.51	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	956	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	8.9	1.0	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	3.5	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	8.0	1.0	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	7590	25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	3.6	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	1550	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	220	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	< 0.033	0.033	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	21.0	1.0	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	632	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.26	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	< 130	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.25	0.25	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	13.8	1.0	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	18.3	2.0	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (0-2')		
Lab Sample ID:	M99692-5	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	91.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52818.D	1	05/03/11	AMY	n/a	n/a	MSP1748
Run #2 [a]	P52841.D	1	05/04/11	AMY	n/a	n/a	MSP1749

	Initial Weight	Final Volume
Run #1	4.90 g	5.0 ml
Run #2	5.04 g	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	9.0	5.6	ug/kg	
71-43-2	Benzene	ND	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	ug/kg	
75-25-2	Bromoform	ND	2.2	ug/kg	
74-83-9	Bromomethane	ND	2.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.6	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	ug/kg	
75-00-3	Chloroethane	ND	5.6	ug/kg	
67-66-3	Chloroform	ND	2.2	ug/kg	
74-87-3	Chloromethane	ND	5.6	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.2	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	ug/kg	
100-41-4	Ethylbenzene	ND	2.2	ug/kg	
591-78-6	2-Hexanone	ND	5.6	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.6	ug/kg	
75-09-2	Methylene chloride	ND	2.2	ug/kg	
100-42-5	Styrene	ND	5.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	ug/kg	
108-88-3	Toluene	ND	5.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	ug/kg	
79-01-6	Trichloroethene	ND	2.2	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (0-2')		
Lab Sample ID:	M99692-5	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	91.9
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	2.2	ug/kg	
1330-20-7	Xylene (total)	ND	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	125%	109%	70-130%
2037-26-5	Toluene-D8	112%	110%	70-130%
460-00-4	4-Bromofluorobenzene	127%	130%	70-130%

(a) Confirmation run.

ND = Not detected
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (0-2')		
Lab Sample ID:	M99692-5	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72136.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	270	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	540	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	540	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	540	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	540	ug/kg	
95-48-7	2-Methylphenol	ND	540	ug/kg	
	3&4-Methylphenol	ND	540	ug/kg	
88-75-5	2-Nitrophenol	ND	540	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	540	ug/kg	
108-95-2	Phenol	ND	270	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	540	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	540	ug/kg	
83-32-9	Acenaphthene	ND	270	ug/kg	
208-96-8	Acenaphthylene	ND	270	ug/kg	
120-12-7	Anthracene	ND	270	ug/kg	
56-55-3	Benzo(a)anthracene	291	270	ug/kg	
50-32-8	Benzo(a)pyrene	ND	270	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	270	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	270	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	270	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	270	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	270	ug/kg	
91-58-7	2-Chloronaphthalene	ND	270	ug/kg	
106-47-8	4-Chloroaniline	ND	540	ug/kg	
86-74-8	Carbazole	ND	270	ug/kg	
218-01-9	Chrysene	321	270	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	270	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	270	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	270	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	270	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (0-2')		
Lab Sample ID:	M99692-5	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.9
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	270	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	270	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	270	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	540	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	540	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	270	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	270	ug/kg	
132-64-9	Dibenzofuran	ND	270	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	270	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	270	ug/kg	
84-66-2	Diethyl phthalate	ND	270	ug/kg	
131-11-3	Dimethyl phthalate	ND	270	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	270	ug/kg	
206-44-0	Fluoranthene	609	270	ug/kg	
86-73-7	Fluorene	ND	270	ug/kg	
118-74-1	Hexachlorobenzene	ND	270	ug/kg	
87-68-3	Hexachlorobutadiene	ND	270	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	540	ug/kg	
67-72-1	Hexachloroethane	ND	270	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	270	ug/kg	
78-59-1	Isophorone	ND	270	ug/kg	
91-57-6	2-Methylnaphthalene	ND	270	ug/kg	
88-74-4	2-Nitroaniline	ND	540	ug/kg	
99-09-2	3-Nitroaniline	ND	540	ug/kg	
100-01-6	4-Nitroaniline	ND	540	ug/kg	
91-20-3	Naphthalene	ND	270	ug/kg	
98-95-3	Nitrobenzene	ND	270	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	270	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	270	ug/kg	
85-01-8	Phenanthrene	462	270	ug/kg	
129-00-0	Pyrene	555	270	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	270	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		30-130%
4165-62-2	Phenol-d5	64%		30-130%
118-79-6	2,4,6-Tribromophenol	68%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	74%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (0-2')		
Lab Sample ID:	M99692-5	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.9
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	76%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (0-2')		
Lab Sample ID:	M99692-5	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	91.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2656.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	7.0	ug/kg	
319-84-6	alpha-BHC	ND	7.0	ug/kg	
319-85-7	beta-BHC	ND	7.0	ug/kg	
319-86-8	delta-BHC	ND	7.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.0	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.0	ug/kg	
60-57-1	Dieldrin	ND	7.0	ug/kg	
72-54-8	4,4'-DDD	ND	7.0	ug/kg	
72-55-9	4,4'-DDE	ND	7.0	ug/kg	
50-29-3	4,4'-DDT	ND	7.0	ug/kg	
72-20-8	Endrin	ND	7.0	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.0	ug/kg	
959-98-8	Endosulfan-I	ND	7.0	ug/kg	
33213-65-9	Endosulfan-II	ND	7.0	ug/kg	
76-44-8	Heptachlor	ND	7.0	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.0	ug/kg	
72-43-5	Methoxychlor	ND	7.0	ug/kg	
53494-70-5	Endrin ketone	ND	7.0	ug/kg	
8001-35-2	Toxaphene	ND	70	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		30-150%
877-09-8	Tetrachloro-m-xylene	92%		30-150%
2051-24-3	Decachlorobiphenyl	91%		30-150%
2051-24-3	Decachlorobiphenyl	112%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (0-2')		
Lab Sample ID:	M99692-5	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	91.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36256.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	74%		30-150%
2051-24-3	Decachlorobiphenyl	74%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (0-2')		
Lab Sample ID:	M99692-5	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	91.9
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	5990	28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	3.8	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	52.8	0.56	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	0.46	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	3210	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	18.7	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	6.5	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	21.8	1.1	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	14600	28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	52.6	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	3020	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	292	0.56	mg/kg	10	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	0.45	0.034	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	32.9	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	1480	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.67	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	189	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	35.7	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	49.1	2.2	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (10-12')		
Lab Sample ID:	M99692-6	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	95.0
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52833.D	1	05/04/11	AMY	n/a	n/a	MSP1749
Run #2							

	Initial Weight	Final Volume
Run #1	5.20 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.1	ug/kg	
75-15-0	Carbon disulfide	ND	5.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.1	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
591-78-6	2-Hexanone	ND	5.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.1	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
100-42-5	Styrene	ND	5.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	5.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (10-12')		
Lab Sample ID:	M99692-6	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	95.0
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	110%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (10-12')		
Lab Sample ID:	M99692-6	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.0
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72137.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	250	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	510	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	510	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	510	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	510	ug/kg	
95-48-7	2-Methylphenol	ND	510	ug/kg	
	3&4-Methylphenol	ND	510	ug/kg	
88-75-5	2-Nitrophenol	ND	510	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	ug/kg	
87-86-5	Pentachlorophenol	ND	510	ug/kg	
108-95-2	Phenol	ND	250	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	510	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	510	ug/kg	
83-32-9	Acenaphthene	ND	250	ug/kg	
208-96-8	Acenaphthylene	ND	250	ug/kg	
120-12-7	Anthracene	ND	250	ug/kg	
56-55-3	Benzo(a)anthracene	ND	250	ug/kg	
50-32-8	Benzo(a)pyrene	ND	250	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	250	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	250	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	250	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	250	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	250	ug/kg	
91-58-7	2-Chloronaphthalene	ND	250	ug/kg	
106-47-8	4-Chloroaniline	ND	510	ug/kg	
86-74-8	Carbazole	ND	250	ug/kg	
218-01-9	Chrysene	ND	250	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	250	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	250	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	250	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	250	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (10-12')		
Lab Sample ID:	M99692-6	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.0
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	250	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	250	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	250	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	510	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	510	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	250	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	250	ug/kg	
132-64-9	Dibenzofuran	ND	250	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	250	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	250	ug/kg	
84-66-2	Diethyl phthalate	ND	250	ug/kg	
131-11-3	Dimethyl phthalate	ND	250	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	250	ug/kg	
206-44-0	Fluoranthene	ND	250	ug/kg	
86-73-7	Fluorene	ND	250	ug/kg	
118-74-1	Hexachlorobenzene	ND	250	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	510	ug/kg	
67-72-1	Hexachloroethane	ND	250	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250	ug/kg	
78-59-1	Isophorone	ND	250	ug/kg	
91-57-6	2-Methylnaphthalene	ND	250	ug/kg	
88-74-4	2-Nitroaniline	ND	510	ug/kg	
99-09-2	3-Nitroaniline	ND	510	ug/kg	
100-01-6	4-Nitroaniline	ND	510	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
98-95-3	Nitrobenzene	ND	250	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	250	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	250	ug/kg	
85-01-8	Phenanthrene	ND	250	ug/kg	
129-00-0	Pyrene	ND	250	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		30-130%
4165-62-2	Phenol-d5	69%		30-130%
118-79-6	2,4,6-Tribromophenol	74%		30-130%
4165-60-0	Nitrobenzene-d5	69%		30-130%
321-60-8	2-Fluorobiphenyl	77%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (10-12')		
Lab Sample ID:	M99692-6	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.0
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (10-12')		
Lab Sample ID:	M99692-6	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	95.0
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2649.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	7.0	ug/kg	
319-84-6	alpha-BHC	ND	7.0	ug/kg	
319-85-7	beta-BHC	ND	7.0	ug/kg	
319-86-8	delta-BHC	ND	7.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.0	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.0	ug/kg	
60-57-1	Dieldrin	ND	7.0	ug/kg	
72-54-8	4,4'-DDD	ND	7.0	ug/kg	
72-55-9	4,4'-DDE	ND	7.0	ug/kg	
50-29-3	4,4'-DDT	ND	7.0	ug/kg	
72-20-8	Endrin	ND	7.0	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.0	ug/kg	
959-98-8	Endosulfan-I	ND	7.0	ug/kg	
33213-65-9	Endosulfan-II	ND	7.0	ug/kg	
76-44-8	Heptachlor	ND	7.0	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.0	ug/kg	
72-43-5	Methoxychlor	ND	7.0	ug/kg	
53494-70-5	Endrin ketone	ND	7.0	ug/kg	
8001-35-2	Toxaphene	ND	70	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		30-150%
877-09-8	Tetrachloro-m-xylene	76%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (10-12')		
Lab Sample ID:	M99692-6	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	95.0
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36249.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	80%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (10-12')		
Lab Sample ID:	M99692-6	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	95.0
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	3850	27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	1.9	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	31.5	0.53	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	1210	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	10	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	4.1	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	10.7	1.1	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	9980	27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	4.4	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	2400	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	370	1.1	mg/kg	20	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	< 0.031	0.031	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	31.1	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	1150	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.48	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	167	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	18.7	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	23.1	2.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (0-2')		
Lab Sample ID:	M99692-7	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	88.2
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52834.D	1	05/04/11	AMY	n/a	n/a	MSP1749
Run #2							

	Initial Weight	Final Volume
Run #1	4.46 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	6.4	ug/kg	
71-43-2	Benzene	ND	0.64	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
74-83-9	Bromomethane	ND	2.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.4	ug/kg	
75-15-0	Carbon disulfide	ND	6.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.4	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.4	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
591-78-6	2-Hexanone	ND	6.4	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.4	ug/kg	
75-09-2	Methylene chloride	ND	2.5	ug/kg	
100-42-5	Styrene	ND	6.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
108-88-3	Toluene	ND	6.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
79-01-6	Trichloroethene	ND	2.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (0-2')		
Lab Sample ID:	M99692-7	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	88.2
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	114%		70-130%
460-00-4	4-Bromofluorobenzene	119%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (0-2')		
Lab Sample ID:	M99692-7	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.2
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72138.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	280	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	560	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	560	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	560	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	560	ug/kg	
95-48-7	2-Methylphenol	ND	560	ug/kg	
	3&4-Methylphenol	ND	560	ug/kg	
88-75-5	2-Nitrophenol	ND	560	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	560	ug/kg	
108-95-2	Phenol	ND	280	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	560	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	560	ug/kg	
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	921	280	ug/kg	
50-32-8	Benzo(a)pyrene	809	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	610	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	565	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	683	280	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	ug/kg	
106-47-8	4-Chloroaniline	ND	560	ug/kg	
86-74-8	Carbazole	ND	280	ug/kg	
218-01-9	Chrysene	899	280	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	ug/kg	

ND = Not detected
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (0-2')		
Lab Sample ID:	M99692-7	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.2
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	280	280	ug/kg	
541-73-1	1,3-Dichlorobenzene	300	280	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	560	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	560	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
132-64-9	Dibenzofuran	ND	280	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	ug/kg	
84-66-2	Diethyl phthalate	ND	280	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	ug/kg	
206-44-0	Fluoranthene	1840	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	560	ug/kg	
67-72-1	Hexachloroethane	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	542	280	ug/kg	
78-59-1	Isophorone	ND	280	ug/kg	
91-57-6	2-Methylnaphthalene	ND	280	ug/kg	
88-74-4	2-Nitroaniline	ND	560	ug/kg	
99-09-2	3-Nitroaniline	ND	560	ug/kg	
100-01-6	4-Nitroaniline	ND	560	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
98-95-3	Nitrobenzene	ND	280	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	ug/kg	
85-01-8	Phenanthrene	771	280	ug/kg	
129-00-0	Pyrene	1690	280	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	296	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	57%		30-130%
4165-62-2	Phenol-d5	57%		30-130%
118-79-6	2,4,6-Tribromophenol	64%		30-130%
4165-60-0	Nitrobenzene-d5	67%		30-130%
321-60-8	2-Fluorobiphenyl	75%		30-130%

ND = Not detected
RL = Reporting Limit
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (0-2')		
Lab Sample ID:	M99692-7	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.2
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	76%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (0-2')		
Lab Sample ID:	M99692-7	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	88.2
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2658.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	7.4	ug/kg	
319-84-6	alpha-BHC	ND	7.4	ug/kg	
319-85-7	beta-BHC	ND	7.4	ug/kg	
319-86-8	delta-BHC	ND	7.4	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.4	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.4	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.4	ug/kg	
60-57-1	Dieldrin	ND	7.4	ug/kg	
72-54-8	4,4'-DDD	ND	7.4	ug/kg	
72-55-9	4,4'-DDE	ND	7.4	ug/kg	
50-29-3	4,4'-DDT	ND	7.4	ug/kg	
72-20-8	Endrin	ND	7.4	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.4	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.4	ug/kg	
959-98-8	Endosulfan-I	ND	7.4	ug/kg	
33213-65-9	Endosulfan-II	ND	7.4	ug/kg	
76-44-8	Heptachlor	ND	7.4	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.4	ug/kg	
72-43-5	Methoxychlor	ND	7.4	ug/kg	
53494-70-5	Endrin ketone	ND	7.4	ug/kg	
8001-35-2	Toxaphene	ND	74	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	70%		30-150%
2051-24-3	Decachlorobiphenyl	146%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (0-2')		
Lab Sample ID:	M99692-7	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	88.2
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36250.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		30-150%
877-09-8	Tetrachloro-m-xylene	68%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%
2051-24-3	Decachlorobiphenyl	64%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (0-2')		
Lab Sample ID:	M99692-7	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	88.2
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	5300	28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	3.7	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	48.2	0.56	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	0.32	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	6240	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	9.7	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	5.6	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	20.9	1.1	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	10200	28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	51.5	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	1400	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	206	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	0.28	0.035	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	16.1	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	679	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.77	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	< 140	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.28	0.28	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	19.3	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	38.5	2.2	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-10')		
Lab Sample ID:	M99692-8	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	95.4
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52835.D	1	05/04/11	AMY	n/a	n/a	MSP1749
Run #2							

	Initial Weight	Final Volume
Run #1	5.83 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	6.7	4.5	ug/kg	
71-43-2	Benzene	ND	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	ug/kg	
75-25-2	Bromoform	ND	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.5	ug/kg	
75-15-0	Carbon disulfide	ND	4.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.5	ug/kg	
67-66-3	Chloroform	ND	1.8	ug/kg	
74-87-3	Chloromethane	ND	4.5	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	1.8	ug/kg	
591-78-6	2-Hexanone	ND	4.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5	ug/kg	
75-09-2	Methylene chloride	ND	1.8	ug/kg	
100-42-5	Styrene	ND	4.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	ug/kg	
108-88-3	Toluene	ND	4.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	ug/kg	
79-01-6	Trichloroethene	ND	1.8	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-10')		
Lab Sample ID:	M99692-8	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	95.4
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.8	ug/kg	
1330-20-7	Xylene (total)	ND	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	111%		70-130%
460-00-4	4-Bromofluorobenzene	111%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-10')		
Lab Sample ID:	M99692-8	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.4
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72139.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	260	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	520	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	520	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	520	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	520	ug/kg	
95-48-7	2-Methylphenol	ND	520	ug/kg	
	3&4-Methylphenol	ND	520	ug/kg	
88-75-5	2-Nitrophenol	ND	520	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	ug/kg	
87-86-5	Pentachlorophenol	ND	520	ug/kg	
108-95-2	Phenol	ND	260	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	520	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	520	ug/kg	
83-32-9	Acenaphthene	ND	260	ug/kg	
208-96-8	Acenaphthylene	ND	260	ug/kg	
120-12-7	Anthracene	ND	260	ug/kg	
56-55-3	Benzo(a)anthracene	ND	260	ug/kg	
50-32-8	Benzo(a)pyrene	ND	260	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	260	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	260	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	260	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	260	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	260	ug/kg	
91-58-7	2-Chloronaphthalene	ND	260	ug/kg	
106-47-8	4-Chloroaniline	ND	520	ug/kg	
86-74-8	Carbazole	ND	260	ug/kg	
218-01-9	Chrysene	ND	260	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	260	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	260	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	260	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	260	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-10')		
Lab Sample ID:	M99692-8	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.4
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	260	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	260	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	260	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	520	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	520	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	260	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	260	ug/kg	
132-64-9	Dibenzofuran	ND	260	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	260	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	260	ug/kg	
84-66-2	Diethyl phthalate	ND	260	ug/kg	
131-11-3	Dimethyl phthalate	ND	260	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	260	ug/kg	
206-44-0	Fluoranthene	ND	260	ug/kg	
86-73-7	Fluorene	ND	260	ug/kg	
118-74-1	Hexachlorobenzene	ND	260	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	520	ug/kg	
67-72-1	Hexachloroethane	ND	260	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	260	ug/kg	
78-59-1	Isophorone	ND	260	ug/kg	
91-57-6	2-Methylnaphthalene	ND	260	ug/kg	
88-74-4	2-Nitroaniline	ND	520	ug/kg	
99-09-2	3-Nitroaniline	ND	520	ug/kg	
100-01-6	4-Nitroaniline	ND	520	ug/kg	
91-20-3	Naphthalene	ND	260	ug/kg	
98-95-3	Nitrobenzene	ND	260	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	260	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	260	ug/kg	
85-01-8	Phenanthrene	ND	260	ug/kg	
129-00-0	Pyrene	ND	260	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		30-130%
4165-62-2	Phenol-d5	74%		30-130%
118-79-6	2,4,6-Tribromophenol	76%		30-130%
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	79%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-10')		
Lab Sample ID:	M99692-8	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	95.4
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-10')		
Lab Sample ID:	M99692-8	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	95.4
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2650.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	6.9	ug/kg	
319-84-6	alpha-BHC	ND	6.9	ug/kg	
319-85-7	beta-BHC	ND	6.9	ug/kg	
319-86-8	delta-BHC	ND	6.9	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.9	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.9	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.9	ug/kg	
60-57-1	Dieldrin	ND	6.9	ug/kg	
72-54-8	4,4'-DDD	ND	6.9	ug/kg	
72-55-9	4,4'-DDE	ND	6.9	ug/kg	
50-29-3	4,4'-DDT	ND	6.9	ug/kg	
72-20-8	Endrin	ND	6.9	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.9	ug/kg	
959-98-8	Endosulfan-I	ND	6.9	ug/kg	
33213-65-9	Endosulfan-II	ND	6.9	ug/kg	
76-44-8	Heptachlor	ND	6.9	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.9	ug/kg	
72-43-5	Methoxychlor	ND	6.9	ug/kg	
53494-70-5	Endrin ketone	ND	6.9	ug/kg	
8001-35-2	Toxaphene	ND	69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		30-150%
877-09-8	Tetrachloro-m-xylene	70%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%
2051-24-3	Decachlorobiphenyl	70%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-10')		
Lab Sample ID:	M99692-8	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	95.4
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36251.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		30-150%
877-09-8	Tetrachloro-m-xylene	86%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-10')		
Lab Sample ID:	M99692-8	**Date Sampled:**	04/25/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	95.4
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	5990	27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	1.9	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	36.1	0.54	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	0.36	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	1730	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	14.9	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	5.4	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	15.7	1.1	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	11200	27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	11.5	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	2590	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	313	0.54	mg/kg	10	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	0.037	0.031	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	27.1	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	953	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.29	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	< 140	140	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	21.3	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	30.3	2.2	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (0-2')		
Lab Sample ID:	M99692-9	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	92.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52836.D	1	05/04/11	AMY	n/a	n/a	MSP1749
Run #2							

	Initial Weight	Final Volume
Run #1	5.50 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	18.9	4.9	ug/kg	
71-43-2	Benzene	ND	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.9	ug/kg	
75-15-0	Carbon disulfide	ND	4.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	4.9	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	4.9	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
591-78-6	2-Hexanone	ND	4.9	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.9	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
100-42-5	Styrene	ND	4.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	4.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (0-2')		
Lab Sample ID:	M99692-9	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	92.9
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	111%		70-130%
460-00-4	4-Bromofluorobenzene	109%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (0-2')		
Lab Sample ID:	M99692-9	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72140.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	260	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	520	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	520	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	520	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	520	ug/kg	
95-48-7	2-Methylphenol	ND	520	ug/kg	
	3&4-Methylphenol	ND	520	ug/kg	
88-75-5	2-Nitrophenol	ND	520	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	ug/kg	
87-86-5	Pentachlorophenol	ND	520	ug/kg	
108-95-2	Phenol	ND	260	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	520	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	520	ug/kg	
83-32-9	Acenaphthene	ND	260	ug/kg	
208-96-8	Acenaphthylene	ND	260	ug/kg	
120-12-7	Anthracene	403	260	ug/kg	
56-55-3	Benzo(a)anthracene	2060	260	ug/kg	
50-32-8	Benzo(a)pyrene	1890	260	ug/kg	
205-99-2	Benzo(b)fluoranthene	1740	260	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1300	260	ug/kg	
207-08-9	Benzo(k)fluoranthene	1470	260	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	260	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	260	ug/kg	
91-58-7	2-Chloronaphthalene	ND	260	ug/kg	
106-47-8	4-Chloroaniline	ND	520	ug/kg	
86-74-8	Carbazole	ND	260	ug/kg	
218-01-9	Chrysene	2020	260	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	260	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	260	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	260	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	260	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (0-2')		
Lab Sample ID:	M99692-9	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.9
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	260	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	260	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	260	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	520	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	520	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	260	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	656	260	ug/kg	
132-64-9	Dibenzofuran	ND	260	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	260	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	260	ug/kg	
84-66-2	Diethyl phthalate	ND	260	ug/kg	
131-11-3	Dimethyl phthalate	ND	260	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	260	ug/kg	
206-44-0	Fluoranthene	3940	260	ug/kg	
86-73-7	Fluorene	ND	260	ug/kg	
118-74-1	Hexachlorobenzene	ND	260	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	520	ug/kg	
67-72-1	Hexachloroethane	ND	260	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1380	260	ug/kg	
78-59-1	Isophorone	ND	260	ug/kg	
91-57-6	2-Methylnaphthalene	ND	260	ug/kg	
88-74-4	2-Nitroaniline	ND	520	ug/kg	
99-09-2	3-Nitroaniline	ND	520	ug/kg	
100-01-6	4-Nitroaniline	ND	520	ug/kg	
91-20-3	Naphthalene	ND	260	ug/kg	
98-95-3	Nitrobenzene	ND	260	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	260	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	260	ug/kg	
85-01-8	Phenanthrene	1880	260	ug/kg	
129-00-0	Pyrene	3260	260	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		30-130%
4165-62-2	Phenol-d5	73%		30-130%
118-79-6	2,4,6-Tribromophenol	74%		30-130%
4165-60-0	Nitrobenzene-d5	71%		30-130%
321-60-8	2-Fluorobiphenyl	80%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (0-2')		
Lab Sample ID:	M99692-9	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.9
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (0-2')		
Lab Sample ID:	M99692-9	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	92.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2660.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	7.0	ug/kg	
319-84-6	alpha-BHC	ND	7.0	ug/kg	
319-85-7	beta-BHC	ND	7.0	ug/kg	
319-86-8	delta-BHC	ND	7.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.0	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.0	ug/kg	
60-57-1	Dieldrin	ND	7.0	ug/kg	
72-54-8	4,4'-DDD	ND	7.0	ug/kg	
72-55-9	4,4'-DDE	ND	7.0	ug/kg	
50-29-3	4,4'-DDT	ND	7.0	ug/kg	
72-20-8	Endrin	ND	7.0	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.0	ug/kg	
959-98-8	Endosulfan-I	ND	7.0	ug/kg	
33213-65-9	Endosulfan-II	ND	7.0	ug/kg	
76-44-8	Heptachlor	ND	7.0	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.0	ug/kg	
72-43-5	Methoxychlor	ND	7.0	ug/kg	
53494-70-5	Endrin ketone	ND	7.0	ug/kg	
8001-35-2	Toxaphene	ND	70	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%
2051-24-3	Decachlorobiphenyl	147%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (0-2')		
Lab Sample ID:	M99692-9	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	92.9
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36252.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		30-150%
877-09-8	Tetrachloro-m-xylene	73%		30-150%
2051-24-3	Decachlorobiphenyl	94%		30-150%
2051-24-3	Decachlorobiphenyl	71%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (0-2')		
Lab Sample ID:	M99692-9	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	92.9
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	6570	26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.26	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	2.3	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	43.2	0.53	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	0.39	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.26	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	2070	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	17.9	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	5.5	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	18.0	1.1	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	11800	26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	22.3	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	2870	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	304	0.53	mg/kg	10	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	0.043	0.034	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	32.5	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	1130	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.38	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.26	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	238	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.26	0.26	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	22.8	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	34.4	2.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6')		
Lab Sample ID:	M99692-10	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	94.3
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52837.D	1	05/04/11	AMY	n/a	n/a	MSP1749
Run #2							

	Initial Weight	Final Volume
Run #1	5.22 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.1	ug/kg	
75-15-0	Carbon disulfide	ND	5.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.1	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
591-78-6	2-Hexanone	ND	5.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.1	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
100-42-5	Styrene	ND	5.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	5.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6')		
Lab Sample ID:	M99692-10	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8260B	**Percent Solids:**	94.3
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	112%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%

ND = Not detected
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6')		
Lab Sample ID:	M99692-10	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	94.3
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72141.D	1	05/03/11	KR	04/28/11	OP24772	MSI2579
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	260	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	520	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	520	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	520	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	520	ug/kg	
95-48-7	2-Methylphenol	ND	520	ug/kg	
	3&4-Methylphenol	ND	520	ug/kg	
88-75-5	2-Nitrophenol	ND	520	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	ug/kg	
87-86-5	Pentachlorophenol	ND	520	ug/kg	
108-95-2	Phenol	ND	260	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	520	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	520	ug/kg	
83-32-9	Acenaphthene	ND	260	ug/kg	
208-96-8	Acenaphthylene	ND	260	ug/kg	
120-12-7	Anthracene	ND	260	ug/kg	
56-55-3	Benzo(a)anthracene	ND	260	ug/kg	
50-32-8	Benzo(a)pyrene	ND	260	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	260	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	260	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	260	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	260	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	260	ug/kg	
91-58-7	2-Chloronaphthalene	ND	260	ug/kg	
106-47-8	4-Chloroaniline	ND	520	ug/kg	
86-74-8	Carbazole	ND	260	ug/kg	
218-01-9	Chrysene	ND	260	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	260	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	260	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	260	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	260	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6')		
Lab Sample ID:	M99692-10	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	94.3
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	260	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	260	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	260	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	520	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	520	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	260	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	260	ug/kg	
132-64-9	Dibenzofuran	ND	260	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	260	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	260	ug/kg	
84-66-2	Diethyl phthalate	ND	260	ug/kg	
131-11-3	Dimethyl phthalate	ND	260	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	260	ug/kg	
206-44-0	Fluoranthene	ND	260	ug/kg	
86-73-7	Fluorene	ND	260	ug/kg	
118-74-1	Hexachlorobenzene	ND	260	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	520	ug/kg	
67-72-1	Hexachloroethane	ND	260	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	260	ug/kg	
78-59-1	Isophorone	ND	260	ug/kg	
91-57-6	2-Methylnaphthalene	ND	260	ug/kg	
88-74-4	2-Nitroaniline	ND	520	ug/kg	
99-09-2	3-Nitroaniline	ND	520	ug/kg	
100-01-6	4-Nitroaniline	ND	520	ug/kg	
91-20-3	Naphthalene	ND	260	ug/kg	
98-95-3	Nitrobenzene	ND	260	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	260	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	260	ug/kg	
85-01-8	Phenanthrene	ND	260	ug/kg	
129-00-0	Pyrene	ND	260	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		30-130%
4165-62-2	Phenol-d5	68%		30-130%
118-79-6	2,4,6-Tribromophenol	73%		30-130%
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	75%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6')		
Lab Sample ID:	M99692-10	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	94.3
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	82%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6')		
Lab Sample ID:	M99692-10	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8081 SW846 3546	**Percent Solids:**	94.3
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2651.D	1	05/03/11	AP	04/28/11	OP24773	GBK110
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	6.9	ug/kg	
319-84-6	alpha-BHC	ND	6.9	ug/kg	
319-85-7	beta-BHC	ND	6.9	ug/kg	
319-86-8	delta-BHC	ND	6.9	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.9	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.9	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.9	ug/kg	
60-57-1	Dieldrin	ND	6.9	ug/kg	
72-54-8	4,4'-DDD	ND	6.9	ug/kg	
72-55-9	4,4'-DDE	ND	6.9	ug/kg	
50-29-3	4,4'-DDT	ND	6.9	ug/kg	
72-20-8	Endrin	ND	6.9	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.9	ug/kg	
959-98-8	Endosulfan-I	ND	6.9	ug/kg	
33213-65-9	Endosulfan-II	ND	6.9	ug/kg	
76-44-8	Heptachlor	ND	6.9	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.9	ug/kg	
72-43-5	Methoxychlor	ND	6.9	ug/kg	
53494-70-5	Endrin ketone	ND	6.9	ug/kg	
8001-35-2	Toxaphene	ND	69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%
2051-24-3	Decachlorobiphenyl	74%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6')		
Lab Sample ID:	M99692-10	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	94.3
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36253.D	1	05/03/11	PN	04/28/11	OP24774	GBB2300
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		30-150%
877-09-8	Tetrachloro-m-xylene	79%		30-150%
2051-24-3	Decachlorobiphenyl	80%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6')		
Lab Sample ID:	M99692-10	**Date Sampled:**	04/26/11
Matrix:	SO - Soil	**Date Received:**	04/27/11
		Percent Solids:	94.3
Project:	2244 Church Ave. Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	6570	27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Antimony [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Arsenic [a]	1.9	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Barium [a]	26.3	0.54	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Beryllium [a]	0.32	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cadmium [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Calcium [a]	1920	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Chromium [a]	13.2	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Cobalt [a]	3.8	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Copper [a]	25.9	1.1	mg/kg	5	04/30/11	05/04/11	ANJ	SW846 6020A [3]	SW846 3050B [5]
Iron [a]	10200	27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Lead [a]	4.7	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Magnesium [a]	1950	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Manganese [a]	240	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Mercury	< 0.033	0.033	mg/kg	1	04/28/11	04/29/11	EM	SW846 7471A [1]	SW846 7471A [4]
Nickel [a]	27.9	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Potassium [a]	528	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Selenium [a]	0.32	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Silver [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Sodium [a]	388	130	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Thallium [a]	< 0.27	0.27	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Vanadium [a]	21.2	1.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]
Zinc [a]	26.1	2.1	mg/kg	5	04/30/11	05/03/11	ANJ	SW846 6020A [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA12918
(2) Instrument QC Batch: N:MA26285
(3) Instrument QC Batch: N:MA26301
(4) Prep QC Batch: MP16964
(5) Prep QC Batch: N:MP57955

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (NY)
- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking # 8747 4982 7135
Bottle Order Control #
Accutest Quote #
Accutest Job # M99692

Client / Reporting Information

Company Name: Antea Group
Street Address: 500 Summit Lake Drive Suite 150
City: Valhalla State: NY Zip: 10595
Project Contact: Tim Fisher E-mail: timothy.fisher@anteagroup.com
Phone #: 914-495-9935 Fax #:
Sampler(s) Name(s): Tim Fisher Phone #: 914-495-9935

Project Information

Project Name: 2244 Church Avenue
Street: 2244 Church Ave
City: Brooklyn
Project#: 2244CHUR
Client PO#: 2244 CHUR
Project Manager: Tim Fisher

Billing Information (If different from Report to)

Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB -Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MFOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfite	TAL metals via 6020	TCL VOCs via 8260B	TCL SVOCs via 8270C	Pesticides via 8081B	PCBs via 8082A							LAB USE ONLY
-1	SB-1 (0-2')		4/26/11	810	TF	SO	3						X	X	X		X	X	X	X	X							
-2	SB-1 (10'-12')		4/26/11	827	TF	SO	3						X	X	X		X	X	X	X	X							
-3	SB-2 (0-2')		4/26/11	1250	TF	SO	3						X	X	X		X	X	X	X	X							
-3,SD	SB-2 (0-2') MS/MSD		4/26/11	1250	TF	SO	3						X	X	X		X	X	X	X	X							
-4	SB-2 (10'-12')		4/26/11	1333	TF	SO	3						X	X	X		X	X	X	X	X							
-5	SB-3 (0-2')		4/26/11	935	TF	SO	3						X	X	X		X	X	X	X	X							
-6	SB-3 (10'-12')		4/26/11	958	TF	SO	3						X	X	X		X	X	X	X	X							
-7	SB-4 (0-2')		4/25/11	1310	TF	SO	3						X	X	X		X	X	X	X	X							
-8	SB-4 (8-10')		4/25/11	1335	TF	SO	3						X	X	X		X	X	X	X	X							
-9	SB-5 (0-2')		4/26/11	1110	TF	SO	3						X	X	X		X	X	X	X	X							
-10	SB-5 (4'-6')		4/26/11	1124	TF	SO	3						X	X	X		X	X	X	X	X							

Turnaround Time (Business days)

- Std. 10 Business Days
- Std. 5 Business Days (By Contract only)
- 5 Day RUSH
- 3 Day EMERGENCY
- 2 Day EMERGENCY
- 1 Day EMERGENCY

5 Day Rush TF

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- Commercial "A" (Level 1)
- Commercial "B" (Level 2)
- FULLT1 (Level 3+4)
- CT RCP
- MA MCP
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format
- Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

8C/10G5

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	4/26/11/1200	1 FedEx	2 FedEx	4/27/11 9:00	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☑ Cooler Temp. 3.1

M99692: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M99692 **Client:** ANTEA GROUP **Immediate Client Services Action Required:** No

Date / Time Received: 4/27/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: 2244 CHAUIRCH AVE BROOKLYN NY **No. Coolers:** 1 **Airbill #'s:** N/A

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☐	☑
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

M99692: Chain of Custody
Page 2 of 2

APPENDIX F – LABORATORY DATA DELIVERABLES FOR GROUNDWATER ANALYTICAL DATA

New England ACCUTEST LABORATORIES

05/06/11

Technical Report for

Antea Group

2244 Church Ave. Brooklyn, NY

2244CHUR

Accutest Job Number: M99844

Sampling Date: 05/02/11

Report to:

Antea Group
500 Summit Lake Drive Suite 150
Valhalla, NY 10595
timothy.fisher@anteagroup.com

ATTN: Tim Fisher

Total number of pages in report: **82**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Accutest Laboratories

Sample Summary

Antea Group

Job No: M99844

2244 Church Ave. Brooklyn, NY
Project No: 2244CHUR

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M99844-1	05/02/11	12:22	GS	05/03/11	AQ	Ground Water	MW-1
M99844-2	05/02/11	13:30	GS	05/03/11	AQ	Ground Water	MW-2
M99844-2D	05/02/11	13:30	GS	05/03/11	AQ	Water Dup/MSD	MW-2
M99844-2S	05/02/11	13:30	GS	05/03/11	AQ	Water Matrix Spike	MW-2
M99844-3	05/02/11	15:21	GS	05/03/11	AQ	Ground Water	MW-3
M99844-4	05/02/11	13:30	GS	05/03/11	AQ	Trip Blank Water	TRIP BLANK
M99844-5	05/02/11	00:00	GS	05/03/11	AQ	Field Blank Water	FIELD BLANK

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M99844-1	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L52269.D	1	05/04/11	AMY	n/a	n/a	MSL1739
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	3.5	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	9.9	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M99844-1	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M99844-1	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72229.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	ug/l	
95-48-7	2-Methylphenol	ND	10	ug/l	
	3&4-Methylphenol	ND	10	ug/l	
88-75-5	2-Nitrophenol	ND	10	ug/l	
100-02-7	4-Nitrophenol	ND	20	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	ug/l	
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	ug/l	
86-74-8	Carbazole	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M99844-1	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	ug/l	
67-72-1	Hexachloroethane	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
78-59-1	Isophorone	ND	5.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	ug/l	
99-09-2	3-Nitroaniline	ND	10	ug/l	
100-01-6	4-Nitroaniline	ND	10	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		15-110%
4165-62-2	Phenol-d5	23%		15-110%
118-79-6	2,4,6-Tribromophenol	80%		15-110%
4165-60-0	Nitrobenzene-d5	83%		30-130%
321-60-8	2-Fluorobiphenyl	88%		30-130%

ND = Not detected
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M99844-1	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	79%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M99844-1	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2668.D	1	05/06/11	AP	05/04/11	OP24821	GBK111
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	0.050	ug/l	
319-84-6	alpha-BHC	ND	0.050	ug/l	
319-85-7	beta-BHC	ND	0.050	ug/l	
319-86-8	delta-BHC	ND	0.050	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	ug/l	
60-57-1	Dieldrin	ND	0.050	ug/l	
72-54-8	4,4'-DDD	ND	0.050	ug/l	
72-55-9	4,4'-DDE	ND	0.050	ug/l	
50-29-3	4,4'-DDT	ND	0.050	ug/l	
72-20-8	Endrin	ND	0.050	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	ug/l	
53494-70-5	Endrin ketone	ND	0.050	ug/l	
959-98-8	Endosulfan-I	ND	0.050	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	ug/l	
76-44-8	Heptachlor	ND	0.050	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	ug/l	
72-43-5	Methoxychlor	ND	0.050	ug/l	
8001-35-2	Toxaphene	ND	2.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		30-150%
877-09-8	Tetrachloro-m-xylene	85%		30-150%
2051-24-3	Decachlorobiphenyl	41%		30-150%
2051-24-3	Decachlorobiphenyl	29% [a]		30-150%

(a) Outside control limits due to possible matrix interference.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M99844-1	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36286.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	76%		30-150%
2051-24-3	Decachlorobiphenyl	46%		30-150%
2051-24-3	Decachlorobiphenyl	44%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M99844-1	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
		Percent Solids:	n/a
Project:	2244 Church Ave. Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	95700	250	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Antimony [a]	< 5.0	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Arsenic [a]	41.0	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Barium [a]	945	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Beryllium [a]	7.6	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Cadmium [a]	< 5.0	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Calcium [a]	54000	2500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Chromium [a]	222	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Cobalt [a]	234	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Copper [a]	305	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Iron [a]	178000	250	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Lead [a]	300	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Magnesium [a]	87900	2500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Manganese [b]	19800	63	ug/l	25	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	05/04/11	05/04/11	MA	SW846 7470A [1]	SW846 7470A [3]
Nickel [a]	1690	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Potassium [a]	46600	2500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Selenium [a]	7.8	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Silver [a]	< 5.0	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Sodium [a]	53900	2500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Thallium [a]	< 5.0	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Vanadium [a]	269	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Zinc [a]	561	20	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12930
(2) Instrument QC Batch: N:MA26309
(3) Prep QC Batch: MP16988
(4) Prep QC Batch: N:MP58038

(a) Elevated sample detection limit due to difficult sample matrix. Analysis performed at Accutest Laboratories, Dayton, NJ.
(b) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	M99844-2	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L52270.D	1	05/04/11	AMY	n/a	n/a	MSL1739
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	1.1	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	3.4	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	M99844-2	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	M99844-2	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72228.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	ug/l	
95-48-7	2-Methylphenol	ND	10	ug/l	
	3&4-Methylphenol	ND	10	ug/l	
88-75-5	2-Nitrophenol	ND	10	ug/l	
100-02-7	4-Nitrophenol	ND	20	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	ug/l	
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	ug/l	
86-74-8	Carbazole	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	M99844-2	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	ug/l	
67-72-1	Hexachloroethane	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
78-59-1	Isophorone	ND	5.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	ug/l	
99-09-2	3-Nitroaniline	ND	10	ug/l	
100-01-6	4-Nitroaniline	ND	10	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		15-110%
4165-62-2	Phenol-d5	22%		15-110%
118-79-6	2,4,6-Tribromophenol	83%		15-110%
4165-60-0	Nitrobenzene-d5	80%		30-130%
321-60-8	2-Fluorobiphenyl	87%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	M99844-2	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	M99844-2	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2669.D	1	05/06/11	AP	05/04/11	OP24821	GBK111
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	0.051	ug/l	
319-84-6	alpha-BHC	ND	0.051	ug/l	
319-85-7	beta-BHC	ND	0.051	ug/l	
319-86-8	delta-BHC	ND	0.051	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.051	ug/l	
5103-71-9	alpha-Chlordane	ND	0.051	ug/l	
5103-74-2	gamma-Chlordane	ND	0.051	ug/l	
60-57-1	Dieldrin	ND	0.051	ug/l	
72-54-8	4,4'-DDD	ND	0.051	ug/l	
72-55-9	4,4'-DDE	ND	0.051	ug/l	
50-29-3	4,4'-DDT	ND	0.051	ug/l	
72-20-8	Endrin	ND	0.051	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.051	ug/l	
7421-93-4	Endrin aldehyde	ND	0.051	ug/l	
53494-70-5	Endrin ketone	ND	0.051	ug/l	
959-98-8	Endosulfan-I	ND	0.051	ug/l	
33213-65-9	Endosulfan-II	ND	0.051	ug/l	
76-44-8	Heptachlor	ND	0.051	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.051	ug/l	
72-43-5	Methoxychlor	ND	0.051	ug/l	
8001-35-2	Toxaphene	ND	2.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		30-150%
877-09-8	Tetrachloro-m-xylene	75%		30-150%
2051-24-3	Decachlorobiphenyl	43%		30-150%
2051-24-3	Decachlorobiphenyl	31%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	M99844-2	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36287.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	75%		30-150%
2051-24-3	Decachlorobiphenyl	47%		30-150%
2051-24-3	Decachlorobiphenyl	46%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	M99844-2	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
		Percent Solids:	n/a
Project:	2244 Church Ave. Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	34900	100	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Antimony [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Arsenic [a]	17.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Barium [a]	379	4.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Beryllium [a]	2.6	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Cadmium [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Calcium [a]	43100	1000	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Chromium [a]	78.3	4.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Cobalt [a]	42.2	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Copper [a]	82.9	4.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Iron [a]	63000	100	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Lead [a]	85.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Magnesium [a]	43200	1000	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Manganese [b]	3800	10	ug/l	10	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	05/04/11	05/04/11	MA	SW846 7470A [1]	SW846 7470A [3]
Nickel [a]	285	4.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Potassium [a]	32800	1000	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Selenium [a]	4.3	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Silver [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Sodium [a]	75000	1000	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Thallium [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Vanadium [a]	105	4.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Zinc [a]	186	8.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12930
(2) Instrument QC Batch: N:MA26309
(3) Prep QC Batch: MP16988
(4) Prep QC Batch: N:MP58038

(a) Elevated sample detection limit due to difficult sample matrix. Analysis performed at Accutest Laboratories, Dayton, NJ.
(b) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M99844-3	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L52271.D	1	05/04/11	AMY	n/a	n/a	MSL1739
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	1.8	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	

ND = Not detected
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M99844-3	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	91%		70-130%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M99844-3	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72230.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	ug/l	
95-48-7	2-Methylphenol	ND	10	ug/l	
	3&4-Methylphenol	ND	10	ug/l	
88-75-5	2-Nitrophenol	ND	10	ug/l	
100-02-7	4-Nitrophenol	ND	20	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	ug/l	
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	ug/l	
86-74-8	Carbazole	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M99844-3	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	ug/l	
67-72-1	Hexachloroethane	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
78-59-1	Isophorone	ND	5.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	ug/l	
99-09-2	3-Nitroaniline	ND	10	ug/l	
100-01-6	4-Nitroaniline	ND	10	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		15-110%
4165-62-2	Phenol-d5	22%		15-110%
118-79-6	2,4,6-Tribromophenol	75%		15-110%
4165-60-0	Nitrobenzene-d5	76%		30-130%
321-60-8	2-Fluorobiphenyl	77%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M99844-3	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	69%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M99844-3	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2670.D	1	05/06/11	AP	05/04/11	OP24821	GBK111
Run #2 [a]	BK2672.D	1	05/06/11	AP	05/04/11	OP24821	GBK111

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2	1000 ml	5.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	0.050	ug/l	
319-84-6	alpha-BHC	ND	0.050	ug/l	
319-85-7	beta-BHC	ND	0.050	ug/l	
319-86-8	delta-BHC	ND	0.050	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	ug/l	
60-57-1	Dieldrin	ND	0.050	ug/l	
72-54-8	4,4'-DDD	ND	0.050	ug/l	
72-55-9	4,4'-DDE	ND	0.050	ug/l	
50-29-3	4,4'-DDT	ND	0.050	ug/l	
72-20-8	Endrin	ND	0.050	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	ug/l	
53494-70-5	Endrin ketone	ND	0.050	ug/l	
959-98-8	Endosulfan-I	ND	0.050	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	ug/l	
76-44-8	Heptachlor	ND	0.050	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	ug/l	
72-43-5	Methoxychlor	ND	0.050	ug/l	
8001-35-2	Toxaphene	ND	2.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%	74%	30-150%
877-09-8	Tetrachloro-m-xylene	78%	78%	30-150%
2051-24-3	Decachlorobiphenyl	29% [b]	28% [b]	30-150%
2051-24-3	Decachlorobiphenyl	20% [b]	20% [b]	30-150%

(a) Confirmation run.
(b) Outside control limits due to matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M99844-3	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36288.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		30-150%
877-09-8	Tetrachloro-m-xylene	81%		30-150%
2051-24-3	Decachlorobiphenyl	42%		30-150%
2051-24-3	Decachlorobiphenyl	41%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M99844-3	**Date Sampled:**	05/02/11
Matrix:	AQ - Ground Water	**Date Received:**	05/03/11
		Percent Solids:	n/a
Project:	2244 Church Ave. Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	193000	250	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Antimony [a]	< 5.0	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Arsenic [a]	71.5	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Barium [a]	1870	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Beryllium [a]	15.6	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Cadmium [a]	5.8	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Calcium [a]	91000	2500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Chromium [a]	504	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Cobalt [a]	326	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Copper [a]	615	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Iron [a]	361000	250	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Lead [a]	531	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Magnesium [a]	196000	2500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Manganese [b]	36700	63	ug/l	25	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Mercury	0.41	0.20	ug/l	1	05/04/11	05/04/11	MA	SW846 7470A [1]	SW846 7470A [3]
Nickel [a]	3030	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Potassium [a]	97700	2500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Selenium [a]	41.2	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Silver [a]	< 5.0	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Sodium [a]	73800	2500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Thallium [a]	< 5.0	5.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Vanadium [a]	538	10	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Zinc [a]	1060	20	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12930
(2) Instrument QC Batch: N:MA26309
(3) Prep QC Batch: MP16988
(4) Prep QC Batch: N:MP58038

(a) Elevated sample detection limit due to difficult sample matrix. Analysis performed at Accutest Laboratories, Dayton, NJ.
(b) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M99844-4	**Date Sampled:**	05/02/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L52267.D	1	05/04/11	AMY	n/a	n/a	MSL1739
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M99844-4	**Date Sampled:**	05/02/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	M99844-5	**Date Sampled:**	05/02/11
Matrix:	AQ - Field Blank Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L52268.D	1	05/04/11	AMY	n/a	n/a	MSL1739
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	M99844-5	**Date Sampled:**	05/02/11
Matrix:	AQ - Field Blank Water	**Date Received:**	05/03/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	89%		70-130%

ND = Not detected
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	M99844-5	**Date Sampled:**	05/02/11
Matrix:	AQ - Field Blank Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72231.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	ug/l	
95-48-7	2-Methylphenol	ND	10	ug/l	
	3&4-Methylphenol	ND	10	ug/l	
88-75-5	2-Nitrophenol	ND	10	ug/l	
100-02-7	4-Nitrophenol	ND	20	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	ug/l	
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	ug/l	
86-74-8	Carbazole	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	M99844-5	**Date Sampled:**	05/02/11
Matrix:	AQ - Field Blank Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Compound	Result	RL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	ug/l	
67-72-1	Hexachloroethane	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
78-59-1	Isophorone	ND	5.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	ug/l	
99-09-2	3-Nitroaniline	ND	10	ug/l	
100-01-6	4-Nitroaniline	ND	10	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		15-110%
4165-62-2	Phenol-d5	21%		15-110%
118-79-6	2,4,6-Tribromophenol	73%		15-110%
4165-60-0	Nitrobenzene-d5	79%		30-130%
321-60-8	2-Fluorobiphenyl	82%		30-130%

ND = Not detected
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	M99844-5	**Date Sampled:**	05/02/11
Matrix:	AQ - Field Blank Water	**Date Received:**	05/03/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	70%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	M99844-5	**Date Sampled:**	05/02/11
Matrix:	AQ - Field Blank Water	**Date Received:**	05/03/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK2671.D	1	05/06/11	AP	05/04/11	OP24821	GBK111
Run #2 [a]	BK2673.D	1	05/06/11	AP	05/04/11	OP24821	GBK111

	Initial Volume	Final Volume
Run #1	970 ml	5.0 ml
Run #2	970 ml	5.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	0.052	ug/l	
319-84-6	alpha-BHC	ND	0.052	ug/l	
319-85-7	beta-BHC	ND	0.052	ug/l	
319-86-8	delta-BHC	ND	0.052	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.052	ug/l	
5103-71-9	alpha-Chlordane	ND	0.052	ug/l	
5103-74-2	gamma-Chlordane	ND	0.052	ug/l	
60-57-1	Dieldrin	ND	0.052	ug/l	
72-54-8	4,4'-DDD	ND	0.052	ug/l	
72-55-9	4,4'-DDE	ND	0.052	ug/l	
50-29-3	4,4'-DDT	ND	0.052	ug/l	
72-20-8	Endrin	ND	0.052	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.052	ug/l	
7421-93-4	Endrin aldehyde	ND	0.052	ug/l	
53494-70-5	Endrin ketone	ND	0.052	ug/l	
959-98-8	Endosulfan-I	ND	0.052	ug/l	
33213-65-9	Endosulfan-II	ND	0.052	ug/l	
76-44-8	Heptachlor	ND	0.052	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.052	ug/l	
72-43-5	Methoxychlor	ND	0.052	ug/l	
8001-35-2	Toxaphene	ND	2.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%	69%	30-150%
877-09-8	Tetrachloro-m-xylene	73%	73%	30-150%
2051-24-3	Decachlorobiphenyl	18% [b]	18% [b]	30-150%
2051-24-3	Decachlorobiphenyl	16% [b]	16% [b]	30-150%

(a) Confirmation run.
(b) Outside control limits due to matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	M99844-5	**Date Sampled:**	05/02/11
Matrix:	AQ - Field Blank Water	**Date Received:**	05/03/11
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36289.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	39%		30-150%
2051-24-3	Decachlorobiphenyl	38%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	M99844-5	**Date Sampled:**	05/02/11
Matrix:	AQ - Field Blank Water	**Date Received:**	05/03/11
		Percent Solids:	n/a
Project:	2244 Church Ave. Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	< 50	50	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Antimony [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Arsenic [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Barium [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Beryllium [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Cadmium [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Calcium [a]	< 500	500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Chromium [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Cobalt [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Copper [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Iron [a]	< 50	50	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Lead [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Magnesium [a]	< 500	500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Manganese [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	05/04/11	05/04/11	MA	SW846 7470A [1]	SW846 7470A [3]
Nickel [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Potassium [a]	< 500	500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Selenium [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Silver [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Sodium [a]	< 500	500	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Thallium [a]	< 1.0	1.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Vanadium [a]	< 2.0	2.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]
Zinc [a]	21.7	4.0	ug/l	2	05/05/11	05/05/11	ANJ	SW846 6020A [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12930
(2) Instrument QC Batch: N:MA26309
(3) Prep QC Batch: MP16988
(4) Prep QC Batch: N:MP58038

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (NY)
- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

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FED-EX Tracking #: | Bottle Order Control #: | Accutest Quote #: | Accutest Job #: M99844

Client / Reporting Information

Company Name: Antea Group
Street Address: 500 Summit Lake Dr. Suite 150
City / State / Zip: Valhalla NY 10595
Project Contact / E-mail: Tim Fisher Timothy.fisher@anteagroup.com
Phone #: 914-495-9935 Fax #:
Sampler(s) Name(s) / Phone #: Glen Schrank 914 505 2493

Project Information

Project Name: 2244 Church Avenue
Street: 2244 Church Ave.
City: Brooklyn, NY
Project #: BG2244 CHUR
Client PO#: 2244 Chur
Project Manager: Tim Fisher

Billing Information (If different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	TAL Metals (6020)	SVOC (8270D)	Pest / PCB (8081B / 8082A)	TCL VOCs (8260B)	LAB USE ONLY
-1	MW-1		5-2-11	12:22	GS	GW	8	2		1		5					1		5	2	
-2	MW-2			13:30	GS	GW	8	2		1		5					1		5	2	
-3	MW-3			15:21	GS	GW	8	2		1		5					1		5	2	
-2,S	MW-2 MS			13:30	GS	GW	8	2		1		5					1		5	2	
-2,SD	MW-2 MSD			13:30	GS	GW	8	2		1		5					1		5	2	
-4	Trip-Blank			15:21		GW	2	2												2	
-5	Field Blank		5-2-11		GS	—	8	2		1		5					1		5	2	

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [x] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

RUSH!

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

This COC is for 3 Coolers marked 1 2+3 of 3 1 18A/6E,16Z

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Glen Schrank	5-2-11 1845	1 Fed Ex	2 FedEx	5/3/11 10:30	2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Intact / Not intact	Preserved where applicable

On Ice: ☑ Cooler Temp. 3.4, 3.2, 2.8°

M99844: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M99844 **Client:** ANTEA GROUP **Immediate Client Services Action Required:** No

Date / Time Received: 5/3/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: 2244 CHURCH AVE BROOKLYN NY **No. Coolers:** 3 **Airbill #'s:** N/A

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	☐
2. Trip Blank listed on COC:	☑	☐	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

M99844: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1739-MB	L52264.D	1	05/04/11	AMY	n/a	n/a	MSL1739

The QC reported here applies to the following samples: **Method:** SW846 8260B

M99844-1, M99844-2, M99844-3, M99844-4, M99844-5

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	4.6	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

Method Blank Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1739-MB	L52264.D	1	05/04/11	AMY	n/a	n/a	MSL1739

The QC reported here applies to the following samples: **Method:** SW846 8260B

M99844-1, M99844-2, M99844-3, M99844-4, M99844-5

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	70-130%
2037-26-5	Toluene-D8	91%	70-130%
460-00-4	4-Bromofluorobenzene	89%	70-130%

Blank Spike Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1739-BS	L52262.D	1	05/04/11	AMY	n/a	n/a	MSL1739

The QC reported here applies to the following samples: **Method:** SW846 8260B

M99844-1, M99844-2, M99844-3, M99844-4, M99844-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	65.1	130	70-130
71-43-2	Benzene	50	47.8	96	70-130
75-27-4	Bromodichloromethane	50	49.9	100	70-130
75-25-2	Bromoform	50	45.4	91	70-130
74-83-9	Bromomethane	50	45.2	90	70-130
78-93-3	2-Butanone (MEK)	50	55.2	110	70-130
75-15-0	Carbon disulfide	50	49.3	99	70-130
56-23-5	Carbon tetrachloride	50	39.1	78	70-130
108-90-7	Chlorobenzene	50	42.1	84	70-130
75-00-3	Chloroethane	50	60.0	120	70-130
67-66-3	Chloroform	50	51.3	103	70-130
74-87-3	Chloromethane	50	55.8	112	70-130
124-48-1	Dibromochloromethane	50	49.1	98	70-130
75-34-3	1,1-Dichloroethane	50	55.9	112	70-130
107-06-2	1,2-Dichloroethane	50	50.3	101	70-130
75-35-4	1,1-Dichloroethene	50	55.2	110	70-130
156-59-2	cis-1,2-Dichloroethene	50	52.5	105	70-130
156-60-5	trans-1,2-Dichloroethene	50	50.6	101	70-130
78-87-5	1,2-Dichloropropane	50	49.0	98	70-130
10061-01-5	cis-1,3-Dichloropropene	50	44.4	89	70-130
10061-02-6	trans-1,3-Dichloropropene	50	46.5	93	70-130
100-41-4	Ethylbenzene	50	42.1	84	70-130
591-78-6	2-Hexanone	50	48.8	98	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	57.2	114	70-130
75-09-2	Methylene chloride	50	51.8	104	70-130
100-42-5	Styrene	50	47.3	95	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	48.1	96	70-130
127-18-4	Tetrachloroethene	50	41.9	84	70-130
108-88-3	Toluene	50	46.5	93	70-130
71-55-6	1,1,1-Trichloroethane	50	48.2	96	70-130
79-00-5	1,1,2-Trichloroethane	50	47.2	94	70-130
79-01-6	Trichloroethene	50	47.2	94	70-130
75-01-4	Vinyl chloride	50	51.5	103	70-130
1330-20-7	Xylene (total)	150	132	88	70-130

Blank Spike Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1739-BS	L52262.D	1	05/04/11	AMY	n/a	n/a	MSL1739

The QC reported here applies to the following samples: **Method:** SW846 8260B

M99844-1, M99844-2, M99844-3, M99844-4, M99844-5

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	92%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M99844-2MS	L52284.D	1	05/05/11	AMY	n/a	n/a	MSL1739
M99844-2MSD	L52285.D	1	05/05/11	AMY	n/a	n/a	MSL1739
M99844-2	L52270.D	1	05/04/11	AMY	n/a	n/a	MSL1739

The QC reported here applies to the following samples: **Method:** SW846 8260B

M99844-1, M99844-2, M99844-3, M99844-4, M99844-5

CAS No.	Compound	M99844-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	70.9	142* [a]	59.9	120	17	70-130/30
71-43-2	Benzene	ND		50	48.7	97	49.2	98	1	70-130/30
75-27-4	Bromodichloromethane	ND		50	51.0	102	52.0	104	2	70-130/30
75-25-2	Bromoform	ND		50	44.1	88	43.4	87	2	70-130/30
74-83-9	Bromomethane	ND		50	37.5	75	46.9	94	22	70-130/30
78-93-3	2-Butanone (MEK)	ND		50	53.6	107	55.6	111	4	70-130/30
75-15-0	Carbon disulfide	ND		50	58.5	117	58.5	117	0	70-130/30
56-23-5	Carbon tetrachloride	ND		50	44.7	89	43.9	88	2	70-130/30
108-90-7	Chlorobenzene	ND		50	42.5	85	42.0	84	1	70-130/30
75-00-3	Chloroethane	ND		50	64.9	130	62.0	124	5	70-130/30
67-66-3	Chloroform	1.1		50	55.7	109	55.3	108	1	70-130/30
74-87-3	Chloromethane	ND		50	57.7	115	58.9	118	2	70-130/30
124-48-1	Dibromochloromethane	ND		50	48.3	97	47.0	94	3	70-130/30
75-34-3	1,1-Dichloroethane	ND		50	60.2	120	61.0	122	1	70-130/30
107-06-2	1,2-Dichloroethane	ND		50	51.1	102	53.2	106	4	70-130/30
75-35-4	1,1-Dichloroethene	ND		50	63.8	128	64.2	128	1	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		50	58.1	116	57.0	114	2	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		50	55.4	111	54.2	108	2	70-130/30
78-87-5	1,2-Dichloropropane	ND		50	53.2	106	53.5	107	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		50	43.7	87	44.9	90	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	ND		50	41.2	82	44.8	90	8	70-130/30
100-41-4	Ethylbenzene	ND		50	43.9	88	41.9	84	5	70-130/30
591-78-6	2-Hexanone	ND		50	43.1	86	42.1	84	2	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	49.3	99	53.7	107	9	70-130/30
75-09-2	Methylene chloride	ND		50	58.1	116	57.8	116	1	70-130/30
100-42-5	Styrene	ND		50	46.0	92	45.1	90	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	45.8	92	44.9	90	2	70-130/30
127-18-4	Tetrachloroethene	3.4		50	46.3	86	45.1	83	3	70-130/30
108-88-3	Toluene	ND		50	48.1	96	50.0	100	4	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		50	53.0	106	52.6	105	1	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		50	48.0	96	49.6	99	3	70-130/30
79-01-6	Trichloroethene	ND		50	47.3	95	46.9	94	1	70-130/30
75-01-4	Vinyl chloride	ND		50	58.3	117	58.2	116	0	70-130/30
1330-20-7	Xylene (total)	ND		150	132	88	135	90	2	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M99844-2MS	L52284.D	1	05/05/11	AMY	n/a	n/a	MSL1739
M99844-2MSD	L52285.D	1	05/05/11	AMY	n/a	n/a	MSL1739
M99844-2	L52270.D	1	05/04/11	AMY	n/a	n/a	MSL1739

The QC reported here applies to the following samples: **Method:** SW846 8260B

M99844-1, M99844-2, M99844-3, M99844-4, M99844-5

CAS No.	Surrogate Recoveries	MS	MSD	M99844-2	Limits
1868-53-7	Dibromofluoromethane	104%	105%	93%	70-130%
2037-26-5	Toluene-D8	91%	93%	93%	70-130%
460-00-4	4-Bromofluorobenzene	90%	86%	87%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Volatile Surrogate Recovery Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
M99844-1	L52269.D	99.0	95.0	90.0
M99844-2	L52270.D	93.0	93.0	87.0
M99844-3	L52271.D	93.0	93.0	91.0
M99844-4	L52267.D	92.0	92.0	90.0
M99844-5	L52268.D	94.0	92.0	89.0
M99844-2MS	L52284.D	104.0	91.0	90.0
M99844-2MSD	L52285.D	105.0	93.0	86.0
MSL1739-BS	L52262.D	96.0	92.0	91.0
MSL1739-MB	L52264.D	94.0	91.0	89.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-MB	I72223.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	ug/l	
95-48-7	2-Methylphenol	ND	10	ug/l	
	3&4-Methylphenol	ND	10	ug/l	
88-75-5	2-Nitrophenol	ND	10	ug/l	
100-02-7	4-Nitrophenol	ND	20	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	ug/l	
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	ug/l	
86-74-8	Carbazole	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	ug/l	

Method Blank Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-MB	I72223.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	Result	RL	Units	Q
606-20-2	2,6-Dinitrotoluene	ND	10	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	1.3	5.0	ug/l	J
117-84-0	Di-n-octyl phthalate	ND	5.0	ug/l	
84-66-2	Diethyl phthalate	0.77	5.0	ug/l	J
131-11-3	Dimethyl phthalate	ND	5.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.54	2.0	ug/l	J
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	ug/l	
67-72-1	Hexachloroethane	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
78-59-1	Isophorone	ND	5.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	ug/l	
99-09-2	3-Nitroaniline	ND	10	ug/l	
100-01-6	4-Nitroaniline	ND	10	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	48%	15-110%
4165-62-2	Phenol-d5	30%	15-110%
118-79-6	2,4,6-Tribromophenol	100%	15-110%
4165-60-0	Nitrobenzene-d5	102%	30-130%

Method Blank Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-MB	I72223.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	109%	30-130%
1718-51-0	Terphenyl-d14	109%	30-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-BS	I72224.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
OP24811-BSD	I72225.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	100	64.5	65	70.1	70	8	30-130/20
59-50-7	4-Chloro-3-methyl phenol	100	72.6	73	81.5	82	12	30-130/20
120-83-2	2,4-Dichlorophenol	100	72.1	72	79.2	79	9	30-130/20
105-67-9	2,4-Dimethylphenol	100	69.1	69	77.0	77	11	30-130/20
51-28-5	2,4-Dinitrophenol	100	78.9	79	86.6	87	9	30-130/20
534-52-1	4,6-Dinitro-o-cresol	100	89.6	90	98.2	98	9	30-130/20
95-48-7	2-Methylphenol	100	55.6	56	60.5	61	8	30-130/20
	3&4-Methylphenol	200	129	65	145	73	12	30-130/20
88-75-5	2-Nitrophenol	100	74.2	74	82.6	83	11	30-130/20
100-02-7	4-Nitrophenol	100	43.0	43	43.8	44	2	30-130/20
87-86-5	Pentachlorophenol	100	86.6	87	95.0	95	9	30-130/20
108-95-2	Phenol	100	23.6	24* [a]	27.4	27* [a]	15	30-130/20
95-95-4	2,4,5-Trichlorophenol	100	74.4	74	81.8	82	9	30-130/20
88-06-2	2,4,6-Trichlorophenol	100	74.9	75	83.4	83	11	30-130/20
83-32-9	Acenaphthene	50	36.0	72	39.4	79	9	40-140/20
208-96-8	Acenaphthylene	50	26.7	53	30.0	60	12	40-140/20
120-12-7	Anthracene	50	34.8	70	39.0	78	11	40-140/20
56-55-3	Benzo(a)anthracene	50	40.0	80	45.1	90	12	40-140/20
50-32-8	Benzo(a)pyrene	50	36.4	73	39.6	79	8	40-140/20
205-99-2	Benzo(b)fluoranthene	50	40.7	81	45.5	91	11	40-140/20
191-24-2	Benzo(g,h,i)perylene	50	41.7	83	44.3	89	6	40-140/20
207-08-9	Benzo(k)fluoranthene	50	40.0	80	43.8	88	9	40-140/20
101-55-3	4-Bromophenyl phenyl ether	50	35.6	71	40.3	81	12	40-140/20
85-68-7	Butyl benzyl phthalate	50	40.3	81	44.7	89	10	40-140/20
91-58-7	2-Chloronaphthalene	50	35.7	71	40.1	80	12	40-140/20
106-47-8	4-Chloroaniline	50	23.1	46	24.1	48	4	40-140/20
86-74-8	Carbazole	50	37.5	75	41.1	82	9	40-140/20
218-01-9	Chrysene	50	37.7	75	41.9	84	11	40-140/20
111-91-1	bis(2-Chloroethoxy)methane	50	34.3	69	39.2	78	13	40-140/20
111-44-4	bis(2-Chloroethyl)ether	50	34.4	69	40.6	81	17	40-140/20
108-60-1	bis(2-Chloroisopropyl)ether	50	35.1	70	40.7	81	15	40-140/20
7005-72-3	4-Chlorophenyl phenyl ether	50	37.9	76	40.6	81	7	40-140/20
95-50-1	1,2-Dichlorobenzene	50	34.0	68	38.6	77	13	40-140/20
541-73-1	1,3-Dichlorobenzene	50	33.5	67	38.3	77	13	40-140/20
106-46-7	1,4-Dichlorobenzene	50	33.2	66	36.6	73	10	40-140/20
121-14-2	2,4-Dinitrotoluene	50	39.3	79	41.8	84	6	40-140/20

Blank Spike/Blank Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-BS	I72224.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
OP24811-BSD	I72225.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
606-20-2	2,6-Dinitrotoluene	50	36.5	73	41.5	83	13	40-140/20
91-94-1	3,3'-Dichlorobenzidine	50	18.1	36* [a]	21.6	43	18	40-140/20
53-70-3	Dibenzo(a,h)anthracene	50	42.3	85	45.1	90	6	40-140/20
132-64-9	Dibenzofuran	50	36.2	72	38.6	77	6	40-140/20
84-74-2	Di-n-butyl phthalate	50	39.5	79	42.5	85	7	40-140/20
117-84-0	Di-n-octyl phthalate	50	50.7	101	56.4	113	11	40-140/20
84-66-2	Diethyl phthalate	50	41.0	82	43.0	86	5	40-140/20
131-11-3	Dimethyl phthalate	50	37.2	74	41.5	83	11	40-140/20
117-81-7	bis(2-Ethylhexyl)phthalate	50	43.3	87	46.9	94	8	40-140/20
206-44-0	Fluoranthene	50	36.9	74	41.4	83	11	40-140/20
86-73-7	Fluorene	50	37.8	76	41.5	83	9	40-140/20
118-74-1	Hexachlorobenzene	50	33.5	67	39.1	78	15	40-140/20
87-68-3	Hexachlorobutadiene	50	33.2	66	37.7	75	13	40-140/20
77-47-4	Hexachlorocyclopentadiene	50	16.7	33* [a]	18.9	38* [a]	12	40-140/20
67-72-1	Hexachloroethane	50	33.6	67	37.7	75	12	40-140/20
193-39-5	Indeno(1,2,3-cd)pyrene	50	43.1	86	45.0	90	4	40-140/20
78-59-1	Isophorone	50	33.1	66	37.3	75	12	40-140/20
91-57-6	2-Methylnaphthalene	50	35.1	70	38.0	76	8	40-140/20
88-74-4	2-Nitroaniline	50	38.1	76	43.3	87	13	40-140/20
99-09-2	3-Nitroaniline	50	24.5	49	26.3	53	7	40-140/20
100-01-6	4-Nitroaniline	50	35.7	71	37.1	74	4	40-140/20
91-20-3	Naphthalene	50	35.7	71	38.8	78	8	40-140/20
98-95-3	Nitrobenzene	50	34.1	68	38.2	76	11	40-140/20
621-64-7	N-Nitroso-di-n-propylamine	50	36.7	73	41.2	82	12	40-140/20
86-30-6	N-Nitrosodiphenylamine	50	37.3	75	40.5	81	8	40-140/20
85-01-8	Phenanthrene	50	35.8	72	39.8	80	11	40-140/20
129-00-0	Pyrene	50	36.3	73	41.0	82	12	40-140/20
120-82-1	1,2,4-Trichlorobenzene	50	34.0	68	38.0	76	11	40-140/20

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	37%	40%	15-110%
4165-62-2	Phenol-d5	22%	26%	15-110%
118-79-6	2,4,6-Tribromophenol	71%	79%	15-110%
4165-60-0	Nitrobenzene-d5	71%	80%	30-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-BS	I72224.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
OP24811-BSD	I72225.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
321-60-8	2-Fluorobiphenyl	74%	82%	30-130%
1718-51-0	Terphenyl-d14	74%	84%	30-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-MS	I72226.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
OP24811-MSD	I72227.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
M99844-2	I72228.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	M99844-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		100	78.1	78	79.2	79	1	30-130/20
59-50-7	4-Chloro-3-methyl phenol	ND		100	85.1	85	86.1	86	1	30-130/20
120-83-2	2,4-Dichlorophenol	ND		100	86.5	87	86.3	86	0	30-130/20
105-67-9	2,4-Dimethylphenol	ND		100	64.6	65	66.3	66	3	30-130/20
51-28-5	2,4-Dinitrophenol	ND		100	94.8	95	96.9	97	2	30-130/20
534-52-1	4,6-Dinitro-o-cresol	ND		100	107	107	113	113	5	30-130/20
95-48-7	2-Methylphenol	ND		100	62.0	62	63.9	64	3	30-130/20
	3&4-Methylphenol	ND		200	148	74	150	75	1	30-130/20
88-75-5	2-Nitrophenol	ND		100	91.4	91	89.6	90	2	30-130/20
100-02-7	4-Nitrophenol	ND		100	49.9	50	48.5	49	3	30-130/20
87-86-5	Pentachlorophenol	ND		100	104	104	105	105	1	30-130/20
108-95-2	Phenol	ND		100	27.8	28* [a]	28.2	28* [a]	1	30-130/20
95-95-4	2,4,5-Trichlorophenol	ND		100	92.1	92	91.0	91	1	30-130/20
88-06-2	2,4,6-Trichlorophenol	ND		100	92.5	93	92.9	93	0	30-130/20
83-32-9	Acenaphthene	ND		50	43.7	87	43.6	87	0	40-140/20
208-96-8	Acenaphthylene	ND		50	32.7	65	33.0	66	1	40-140/20
120-12-7	Anthracene	ND		50	41.1	82	42.1	84	2	40-140/20
56-55-3	Benzo(a)anthracene	ND		50	47.8	96	49.8	100	4	40-140/20
50-32-8	Benzo(a)pyrene	ND		50	39.6	79	42.9	86	8	40-140/20
205-99-2	Benzo(b)fluoranthene	ND		50	43.6	87	46.4	93	6	40-140/20
191-24-2	Benzo(g,h,i)perylene	ND		50	44.3	89	46.0	92	4	40-140/20
207-08-9	Benzo(k)fluoranthene	ND		50	46.6	93	48.5	97	4	40-140/20
101-55-3	4-Bromophenyl phenyl ether	ND		50	43.0	86	45.6	91	6	40-140/20
85-68-7	Butyl benzyl phthalate	ND		50	47.7	95	50.5	101	6	40-140/20
91-58-7	2-Chloronaphthalene	ND		50	44.3	89	43.9	88	1	40-140/20
106-47-8	4-Chloroaniline	ND		50	24.0	48	25.1	50	4	40-140/20
86-74-8	Carbazole	ND		50	44.3	89	45.2	90	2	40-140/20
218-01-9	Chrysene	ND		50	44.5	89	46.0	92	3	40-140/20
111-91-1	bis(2-Chloroethoxy)methane	ND		50	42.9	86	42.4	85	1	40-140/20
111-44-4	bis(2-Chloroethyl)ether	ND		50	41.9	84	44.5	89	6	40-140/20
108-60-1	bis(2-Chloroisopropyl)ether	ND		50	44.8	90	47.6	95	6	40-140/20
7005-72-3	4-Chlorophenyl phenyl ether	ND		50	44.8	90	45.2	90	1	40-140/20
95-50-1	1,2-Dichlorobenzene	ND		50	41.7	83	43.5	87	4	40-140/20
541-73-1	1,3-Dichlorobenzene	ND		50	41.6	83	43.0	86	3	40-140/20
106-46-7	1,4-Dichlorobenzene	ND		50	41.4	83	42.4	85	2	40-140/20
121-14-2	2,4-Dinitrotoluene	ND		50	45.8	92	46.8	94	2	40-140/20

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-MS	I72226.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
OP24811-MSD	I72227.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
M99844-2	I72228.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	M99844-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
606-20-2	2,6-Dinitrotoluene	ND		50	45.5	91	45.6	91	0	40-140/20
91-94-1	3,3'-Dichlorobenzidine	ND		50	10.4	21* [a]	16.6	33* [a]	46* [a]	40-140/20
53-70-3	Dibenzo(a,h)anthracene	ND		50	44.6	89	46.6	93	4	40-140/20
132-64-9	Dibenzofuran	ND		50	41.9	84	42.6	85	2	40-140/20
84-74-2	Di-n-butyl phthalate	0.74		50	46.8	92	47.6	94	2	40-140/20
117-84-0	Di-n-octyl phthalate	ND		50	55.6	111	59.1	118	6	40-140/20
84-66-2	Diethyl phthalate	ND		50	47.5	95	48.1	96	1	40-140/20
131-11-3	Dimethyl phthalate	ND		50	45.1	90	45.6	91	1	40-140/20
117-81-7	bis(2-Ethylhexyl)phthalate	0.52		50	49.3	98	51.1	101	4	40-140/20
206-44-0	Fluoranthene	ND		50	44.6	89	46.3	93	4	40-140/20
86-73-7	Fluorene	ND		50	44.6	89	44.4	89	0	40-140/20
118-74-1	Hexachlorobenzene	ND		50	41.8	84	42.9	86	3	40-140/20
87-68-3	Hexachlorobutadiene	ND		50	42.4	85	42.2	84	0	40-140/20
77-47-4	Hexachlorocyclopentadiene	ND		50	23.5	47	23.2	46	1	40-140/20
67-72-1	Hexachloroethane	ND		50	41.9	84	42.3	85	1	40-140/20
193-39-5	Indeno(1,2,3-cd)pyrene	ND		50	45.3	91	46.7	93	3	40-140/20
78-59-1	Isophorone	ND		50	39.9	80	40.9	82	2	40-140/20
91-57-6	2-Methylnaphthalene	ND		50	41.8	84	41.9	84	0	40-140/20
88-74-4	2-Nitroaniline	ND		50	45.9	92	46.7	93	2	40-140/20
99-09-2	3-Nitroaniline	ND		50	27.5	55	26.7	53	3	40-140/20
100-01-6	4-Nitroaniline	ND		50	40.4	81	40.6	81	0	40-140/20
91-20-3	Naphthalene	ND		50	42.9	86	43.0	86	0	40-140/20
98-95-3	Nitrobenzene	ND		50	41.3	83	41.8	84	1	40-140/20
621-64-7	N-Nitroso-di-n-propylamine	ND		50	45.4	91	45.9	92	1	40-140/20
86-30-6	N-Nitrosodiphenylamine	ND		50	34.8	70	36.9	74	6	40-140/20
85-01-8	Phenanthrene	ND		50	42.8	86	43.6	87	2	40-140/20
129-00-0	Pyrene	ND		50	44.4	89	45.9	92	3	40-140/20
120-82-1	1,2,4-Trichlorobenzene	ND		50	41.0	82	41.3	83	1	40-140/20

CAS No.	Surrogate Recoveries	MS	MSD	M99844-2	Limits
367-12-4	2-Fluorophenol	44%	44%	36%	15-110%
4165-62-2	Phenol-d5	26%	27%	22%	15-110%
118-79-6	2,4,6-Tribromophenol	83%	87%	83%	15-110%
4165-60-0	Nitrobenzene-d5	85%	86%	80%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24811-MS	I72226.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
OP24811-MSD	I72227.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585
M99844-2	I72228.D	1	05/06/11	KR	05/04/11	OP24811	MSI2585

The QC reported here applies to the following samples: **Method:** SW846 8270C

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Surrogate Recoveries	MS	MSD	M99844-2	Limits
321-60-8	2-Fluorobiphenyl	91%	91%	87%	30-130%
1718-51-0	Terphenyl-d14	79%	85%	85%	30-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

Semivolatile Surrogate Recovery Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Method: SW846 8270C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
M99844-1	I72229.D	39.0	23.0	80.0	83.0	88.0	79.0
M99844-2	I72228.D	36.0	22.0	83.0	80.0	87.0	85.0
M99844-3	I72230.D	36.0	22.0	75.0	76.0	77.0	69.0
M99844-5	I72231.D	38.0	21.0	73.0	79.0	82.0	70.0
OP24811-BS	I72224.D	37.0	22.0	71.0	71.0	74.0	74.0
OP24811-BSD	I72225.D	40.0	26.0	79.0	80.0	82.0	84.0
OP24811-MB	I72223.D	48.0	30.0	100.0	102.0	109.0	109.0
OP24811-MS	I72226.D	44.0	26.0	83.0	85.0	91.0	79.0
OP24811-MSD	I72227.D	44.0	27.0	87.0	86.0	91.0	85.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	15-110%
S2 = Phenol-d5	15-110%
S3 = 2,4,6-Tribromophenol	15-110%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24821-MB	BK2666.D	1	05/06/11	AP	05/04/11	OP24821	GBK111

The QC reported here applies to the following samples: **Method:** SW846 8081

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	Result	RL	Units	Q
309-00-2	Aldrin	ND	0.050	ug/l	
319-84-6	alpha-BHC	ND	0.050	ug/l	
319-85-7	beta-BHC	ND	0.050	ug/l	
319-86-8	delta-BHC	ND	0.050	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	ug/l	
60-57-1	Dieldrin	ND	0.050	ug/l	
72-54-8	4,4'-DDD	ND	0.050	ug/l	
72-55-9	4,4'-DDE	ND	0.050	ug/l	
50-29-3	4,4'-DDT	ND	0.050	ug/l	
72-20-8	Endrin	ND	0.050	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	ug/l	
53494-70-5	Endrin ketone	ND	0.050	ug/l	
959-98-8	Endosulfan-I	ND	0.050	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	ug/l	
76-44-8	Heptachlor	ND	0.050	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	ug/l	
72-43-5	Methoxychlor	ND	0.050	ug/l	
8001-35-2	Toxaphene	ND	2.5	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	79%	30-150%
877-09-8	Tetrachloro-m-xylene	82%	30-150%
2051-24-3	Decachlorobiphenyl	48%	30-150%
2051-24-3	Decachlorobiphenyl	40%	30-150%

Method Blank Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24814-MB	BB36282.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303

The QC reported here applies to the following samples: **Method:** SW846 8082

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	77%	30-150%
877-09-8	Tetrachloro-m-xylene	65%	30-150%
2051-24-3	Decachlorobiphenyl	73%	30-150%
2051-24-3	Decachlorobiphenyl	70%	30-150%

Blank Spike Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24821-BS	BK2667.D	1	05/06/11	AP	05/04/11	OP24821	GBK111

The QC reported here applies to the following samples: **Method:** SW846 8081

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
309-00-2	Aldrin	0.2	0.14	70	40-140
319-84-6	alpha-BHC	0.2	0.21	105	40-140
319-85-7	beta-BHC	0.2	0.22	110	40-140
319-86-8	delta-BHC	0.2	0.22	110	40-140
58-89-9	gamma-BHC (Lindane)	0.2	0.21	105	40-140
5103-71-9	alpha-Chlordane	0.2	0.21	105	40-140
5103-74-2	gamma-Chlordane	0.2	0.20	100	40-140
60-57-1	Dieldrin	0.2	0.22	110	40-140
72-54-8	4,4'-DDD	0.2	0.20	100	40-140
72-55-9	4,4'-DDE	0.2	0.19	95	40-140
50-29-3	4,4'-DDT	0.2	0.21	105	40-140
72-20-8	Endrin	0.2	0.22	110	40-140
1031-07-8	Endosulfan sulfate	0.2	0.23	115	40-140
7421-93-4	Endrin aldehyde	0.2	0.21	105	40-140
53494-70-5	Endrin ketone	0.2	0.22	110	40-140
959-98-8	Endosulfan-I	0.2	0.22	110	40-140
33213-65-9	Endosulfan-II	0.2	0.23	115	40-140
76-44-8	Heptachlor	0.2	0.17	85	40-140
1024-57-3	Heptachlor epoxide	0.2	0.22	110	40-140
72-43-5	Methoxychlor	0.2	0.26	130	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	63%	30-150%
877-09-8	Tetrachloro-m-xylene	65%	30-150%
2051-24-3	Decachlorobiphenyl	51%	30-150%
2051-24-3	Decachlorobiphenyl	33%	30-150%

Blank Spike Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24814-BS	BB36283.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303

The QC reported here applies to the following samples: **Method:** SW846 8082

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
12674-11-2	Aroclor 1016	2	1.4	70	40-140
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	2	1.5	75	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	88%	30-150%
877-09-8	Tetrachloro-m-xylene	81%	30-150%
2051-24-3	Decachlorobiphenyl	82%	30-150%
2051-24-3	Decachlorobiphenyl	79%	30-150%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24821-MS	BK2674.D	1	05/06/11	AP	05/04/11	OP24821	GBK111
OP24821-MSD	BK2675.D	1	05/06/11	AP	05/04/11	OP24821	GBK111
M99844-2	BK2669.D	1	05/06/11	AP	05/04/11	OP24821	GBK111

The QC reported here applies to the following samples: **Method:** SW846 8081

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	M99844-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	ND		0.2	0.13	65	0.14	70	7	30-150/30
319-84-6	alpha-BHC	ND		0.2	0.21	105	0.21	105	0	30-150/30
319-85-7	beta-BHC	ND		0.2	0.22	110	0.21	105	5	30-150/30
319-86-8	delta-BHC	ND		0.2	0.22	110	0.21	105	5	30-150/30
58-89-9	gamma-BHC (Lindane)	ND		0.2	0.22	110	0.21	105	5	30-150/30
5103-71-9	alpha-Chlordane	ND		0.2	0.20	100	0.20	100	0	30-150/30
5103-74-2	gamma-Chlordane	ND		0.2	0.19	95	0.19	95	0	30-150/30
60-57-1	Dieldrin	ND		0.2	0.21	105	0.21	105	0	30-150/30
72-54-8	4,4'-DDD	ND		0.2	0.20	100	0.20	100	0	30-150/30
72-55-9	4,4'-DDE	ND		0.2	0.18	90	0.19	95	5	30-150/30
50-29-3	4,4'-DDT	ND		0.2	0.21	105	0.20	100	5	30-150/30
72-20-8	Endrin	ND		0.2	0.23	115	0.23	115	0	30-150/30
1031-07-8	Endosulfan sulfate	ND		0.2	0.22	110	0.21	105	5	30-150/30
7421-93-4	Endrin aldehyde	ND		0.2	0.18	90	0.20	100	11	30-150/30
53494-70-5	Endrin ketone	ND		0.2	0.23	115	0.21	105	9	30-150/30
959-98-8	Endosulfan-I	ND		0.2	0.21	105	0.20	100	5	30-150/30
33213-65-9	Endosulfan-II	ND		0.2	0.22	110	0.21	105	5	30-150/30
76-44-8	Heptachlor	ND		0.2	0.17	85	0.17	85	0	30-150/30
1024-57-3	Heptachlor epoxide	ND		0.2	0.21	105	0.21	105	0	30-150/30
72-43-5	Methoxychlor	ND		0.2	0.25	125	0.25	125	0	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	M99844-2	Limits
877-09-8	Tetrachloro-m-xylene	72%	64%	71%	30-150%
877-09-8	Tetrachloro-m-xylene	72%	69%	75%	30-150%
2051-24-3	Decachlorobiphenyl	41%	44%	43%	30-150%
2051-24-3	Decachlorobiphenyl	29%* [a]	32%	31%	30-150%

(a) Outside control limits due to possible matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24814-MS	BB36284.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303
OP24814-MSD	BB36285.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303
M99844-2	BB36287.D	1	05/05/11	PN	05/04/11	OP24814	GBB2303

The QC reported here applies to the following samples: **Method:** SW846 8082

M99844-1, M99844-2, M99844-3, M99844-5

CAS No.	Compound	M99844-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		2	1.5	75	1.4	70	7	40-140/50
11104-28-2	Aroclor 1221	ND			ND		ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND			ND		ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND			ND		ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND			ND		ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND			ND		ND		nc	40-140/50
11096-82-5	Aroclor 1260	ND		2	1.3	65	1.2	60	8	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	M99844-2	Limits
877-09-8	Tetrachloro-m-xylene	101%	93%	79%	30-150%
877-09-8	Tetrachloro-m-xylene	90%	74%	75%	30-150%
2051-24-3	Decachlorobiphenyl	54%	52%	47%	30-150%
2051-24-3	Decachlorobiphenyl	51%	50%	46%	30-150%

Semivolatile Surrogate Recovery Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Method: SW846 8081 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
M99844-1	BK2668.D	80.0	85.0	41.0	29.0* [c]
M99844-2	BK2669.D	71.0	75.0	43.0	31.0
M99844-3	BK2672.D	74.0	78.0	28.0* [d]	20.0* [d]
M99844-3	BK2670.D	74.0	78.0	29.0* [d]	20.0* [d]
M99844-5	BK2673.D	69.0	73.0	18.0* [d]	16.0* [d]
M99844-5	BK2671.D	69.0	73.0	18.0* [d]	16.0* [d]
OP24821-BS	BK2667.D	63.0	65.0	51.0	33.0
OP24821-MB	BK2666.D	79.0	82.0	48.0	40.0
OP24821-MS	BK2674.D	72.0	72.0	41.0	29.0* [c]
OP24821-MSD	BK2675.D	64.0	69.0	44.0	32.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2
(c) Outside control limits due to possible matrix interference.
(d) Outside control limits due to matrix interference. Confirmed by reanalysis.

Semivolatile Surrogate Recovery Summary

Job Number: M99844
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

Method: SW846 8082 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
M99844-1	BB36286.D	79.0	76.0	46.0	44.0
M99844-2	BB36287.D	79.0	75.0	47.0	46.0
M99844-3	BB36288.D	83.0	81.0	42.0	41.0
M99844-5	BB36289.D	81.0	78.0	39.0	38.0
OP24814-BS	BB36283.D	88.0	81.0	82.0	79.0
OP24814-MB	BB36282.D	77.0	65.0	73.0	70.0
OP24814-MS	BB36284.D	101.0	90.0	54.0	51.0
OP24814-MSD	BB36285.D	93.0	74.0	52.0	50.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: M99844
Account: ANTNYV - Antea Group
Project: 2244 Church Ave. Brooklyn, NY

QC Batch ID: MP16988
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/04/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.018	.029	0.023	<0.20

Associated samples MP16988: M99844-1, M99844-2, M99844-3, M99844-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M99844
Account: ANTNYV - Antea Group
Project: 2244 Church Ave. Brooklyn, NY

QC Batch ID: MP16988
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/04/11 05/04/11

Metal	M99844-2 Original	MS	Spikelot HGRWS1	% Rec	QC Limits	M99844-2 Original	DUP	RPD	QC Limits
Mercury	0.044	2.6	3	85.2	75-125	0.044	0.0	200.0(a)	0-20

Associated samples MP16988: M99844-1, M99844-2, M99844-3, M99844-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: M99844
Account: ANTNYV - Antea Group
Project: 2244 Church Ave. Brooklyn, NY

QC Batch ID: MP16988
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/04/11 05/04/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	2.7	3	90.0	80-120	2.7	3	90.0	0.0	20

Associated samples MP16988: M99844-1, M99844-2, M99844-3, M99844-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.3

7

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

(Accutest New Jersey)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE 1 OF 1

ACCUTEST Laboratories

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # M99844

Client / Reporting Information

Company Name

Accutest Laboratories
495 Technology Center West
Building One
Marlboro, MA 01752
(508) 481-6200

Phone # Fax #

Sampler(s) Name(s) Phone #

SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects

Retail Project (Site Name)

Major Project (AFE)

Project Name

City State

ExxonMobil Manager

ExxonMobil Purchase Order #

ExxonMobil Environmental Services Co.

If Project is Direct Bill to Consultant

Company Name

Street Address

City State Zip

Attention: PO#

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	XMICPMS									LAB USE ONLY
	-1		5/2			GW											✓									ME52
	-2 use for ms/msd		↓			↓											✓									
	-3																✓									
	-5		↓			WFB											✓									

Turnaround Time (Business days)

Approved By (Accutest PM): / Date:

- ☐ Std. 10 Business Days
- ☐ 8 Day *RUSH*
- ☐ 5 Day *RUSH*
- ☒ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format
- ☒ Other COMMAN

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

ICP MS 6020

NJ

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	5/3/11	1 FedEx	2 FedEx	5/3/11 0900	2
3		3	4		4
5		5			

Custody Seal # — ☐ Intact ☐ Not intact — Preserved where applicable ☑ — On Ice ☑ — Cooler Temp. 2.1°C

3

T1

8.1

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M99844: Chain of Custody
Page 1 of 2
Accutest New Jersey

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M99844 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 5/4/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

8.1

8

M99844: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

(Accutest New Jersey)

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: M99844
Account: ALNE - Accutest Labs of New England, Inc.
Project: ANTNYV: 2244 Church Ave. Brooklyn, NY

QC Batch ID: MP58038
Matrix Type: AQUEOUS

Methods: SW846 6020A
Units: ug/l

Prep Date: 05/05/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	33	5.3	2.9	<50
Antimony	1.0	.034	.36	0.43	<1.0
Arsenic	1.0	.46	.093	0.10	<1.0
Barium	2.0	.083	.055	0.057	<2.0
Beryllium	1.0	.026	.023	0.00071	<1.0
Boron	10	.56	3.2		
Cadmium	1.0	.033	.039	0.023	<1.0
Calcium	500	8.1	24	4.7	<500
Chromium	2.0	.047	.11	0.42	<2.0
Cobalt	1.0	.007	.024	0.0098	<1.0
Copper	2.0	.045	.25	1.4	<2.0
Iron	50	4.3	4.3	7.7	<50
Lead	1.0	.02	.11	0.055	<1.0
Magnesium	500	.56	3.7	1.4	<500
Manganese	1.0	.024	.089	0.15	<1.0
Molybdenum	2.0	.043	.053		
Nickel	2.0	.029	1.2	0.24	<2.0
Potassium	500	12	16	5.5	<500
Selenium	1.0	.14	.17	0.17	<1.0
Silver	1.0	.0064	.021	0.015	<1.0
Sodium	500	5.2	24	8.0	<500
Strontium	10	.014	.052		
Thallium	1.0	.087	.25	0.13	<1.0
Tin	10	.037	.43		
Titanium	2.0	.14	.37		
Vanadium	2.0	.74	.26	0.22	<2.0
Zinc	4.0	.1	2.2	1.6	<4.0

Associated samples MP58038: M99844-1, M99844-2, M99844-3, M99844-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M99844
Account: ALNE - Accutest Labs of New England, Inc.
Project: ANTNYV: 2244 Church Ave. Brooklyn, NY

QC Batch ID: MP58038
Matrix Type: AQUEOUS

Methods: SW846 6020A
Units: ug/l

Prep Date: 05/05/11

Metal	M99844-2 Original	MS	Spikelot MPIRW1	% Rec	QC Limits
Aluminum	34900	40900	4000	150.0(a)	75-125
Antimony	1.0	969	1000	96.8	75-125
Arsenic	17.0	3890	4000	96.8	75-125
Barium	379	4260	4000	97.0	75-125
Beryllium	2.6	100	100	97.4	75-125
Boron					
Cadmium	0.88	99.6	100	98.7	75-125
Calcium	43100	92300	50000	98.4	75-125
Chromium	78.3	455	400	94.2	75-125
Cobalt	42.2	951	1000	90.9	75-125
Copper	82.9	557	500	94.8	75-125
Iron	63000	63700	2000	35.0 (a)	75-125
Lead	85.0	1090	1000	100.5	75-125
Magnesium	43200	92000	50000	97.6	75-125
Manganese	3800	5110	1000	131.0N(b	75-125
Molybdenum					
Nickel	285	1240	1000	95.5	75-125
Potassium	32800	82700	50000	99.8	75-125
Selenium	4.3	3760	4000	93.9	75-125
Silver	0.11	98.6	100	98.5	75-125
Sodium	75000	128000	50000	106.0	75-125
Strontium					
Thallium	1.6	3840	4000	96.0	75-125
Tin					
Titanium					
Vanadium	105	1050	1000	94.5	75-125
Zinc	186	1130	1000	94.4	75-125

Associated samples MP58038: M99844-1, M99844-2, M99844-3, M99844-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M99844
Account: ALNE - Accutest Labs of New England, Inc.
Project: ANTNYV: 2244 Church Ave. Brooklyn, NY

QC Batch ID: MP58038
Matrix Type: AQUEOUS

Methods: SW846 6020A
Units: ug/l

Prep Date: 05/05/11

Metal	M99844-2 Original	MSD	Spikelot MPIRW1	% Rec	MSD RPD	QC Limit
Aluminum	34900	42800	4000	197.5(a)	4.5	20
Antimony	1.0	995	1000	99.4	2.6	20
Arsenic	17.0	4040	4000	100.6	3.8	20
Barium	379	4440	4000	101.5	4.1	20
Beryllium	2.6	102	100	99.4	2.0	20
Boron						
Cadmium	0.88	105	100	104.1	5.3	20
Calcium	43100	96300	50000	106.4	4.2	20
Chromium	78.3	476	400	99.4	4.5	20
Cobalt	42.2	983	1000	94.1	3.3	20
Copper	82.9	574	500	98.2	3.0	20
Iron	63000	66300	2000	165.0(a)	4.0	20
Lead	85.0	1130	1000	104.5	3.6	20
Magnesium	43200	94300	50000	102.2	2.5	20
Manganese	3800	5370	1000	157.0N(b	5.0	20
Molybdenum						
Nickel	285	1290	1000	100.5	4.0	20
Potassium	32800	84800	50000	104.0	2.5	20
Selenium	4.3	3940	4000	98.4	4.7	20
Silver	0.11	102	100	101.9	3.4	20
Sodium	75000	132000	50000	114.0	3.1	20
Strontium						
Thallium	1.6	4000	4000	100.0	4.1	20
Tin						
Titanium						
Vanadium	105	1100	1000	99.5	4.7	20
Zinc	186	1190	1000	100.4	5.2	20

Associated samples MP58038: M99844-1, M99844-2, M99844-3, M99844-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: M99844
Account: ALNE - Accutest Labs of New England, Inc.
Project: ANTNYV: 2244 Church Ave. Brooklyn, NY

QC Batch ID: MP58038
Matrix Type: AQUEOUS

Methods: SW846 6020A
Units: ug/l

Prep Date: 05/05/11

Metal	LCS Result	Spikelot MPLCW3	% Rec	QC Limits
Aluminum	5020	5000	100.4	80-120
Antimony	521	500	104.2	80-120
Arsenic	497	500	99.4	80-120
Barium	492	500	98.4	80-120
Beryllium	535	500	107.0	80-120
Boron				
Cadmium	525	500	105.0	80-120
Calcium	5780	5500	105.1	80-120
Chromium	539	500	107.8	80-120
Cobalt	509	500	101.8	80-120
Copper	519	500	103.8	80-120
Iron	5760	5500	104.7	80-120
Lead	511	500	102.2	80-120
Magnesium	5520	5500	100.4	80-120
Manganese	554	500	110.8	80-120
Molybdenum				
Nickel	532	500	106.4	80-120
Potassium	10200	10000	102.0	80-120
Selenium	432	500	86.4	80-120
Silver	203	200	101.5	80-120
Sodium	9850	10000	98.5	80-120
Strontium				
Thallium	498	500	99.6	80-120
Tin				
Titanium				
Vanadium	541	500	108.2	80-120
Zinc	470	500	94.0	80-120

Associated samples MP58038: M99844-1, M99844-2, M99844-3, M99844-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: M99844
Account: ALNE - Accutest Labs of New England, Inc.
Project: ANTNYV: 2244 Church Ave. Brooklyn, NY

QC Batch ID: MP58038
Matrix Type: AQUEOUS

Methods: SW846 6020A
Units: ug/l

Prep Date: 05/05/11

Metal	M99844-2 Original	SDL 2:10	%DIF	QC Limits
Aluminum	17500	18900	8.0	0-10
Antimony	0.518	0.00	100.0(a)	0-10
Arsenic	8.52	9.09	6.7	0-10
Barium	189	197	4.0	0-10
Beryllium	1.31	1.32	0.9	0-10
Boron				
Cadmium	0.441	0.342	22.6 (a)	0-10
Calcium	21500	23500	9.2	0-10
Chromium	39.2	42.0	7.3	0-10
Cobalt	21.1	22.4	6.1	0-10
Copper	41.5	45.9	10.6*(b)	0-10
Iron	31500	33400	6.0	0-10
Lead	42.5	45.2	6.3	0-10
Magnesium	21600	23500	8.7	0-10
Manganese	1900	2060	8.5	0-10
Molybdenum				
Nickel	143	153	7.3	0-10
Potassium	16400	18100	10.0	0-10
Selenium	2.14	2.42	13.5 (a)	0-10
Silver	0.0572	0.00	100.0(a)	0-10
Sodium	37500	41700	11.2*(b)	0-10
Strontium				
Thallium	0.783	1.36	74.3 (a)	0-10
Tin				
Titanium				
Vanadium	52.5	54.5	3.8	0-10
Zinc	93.1	119	27.8*(b)	0-10

Associated samples MP58038: M99844-1, M99844-2, M99844-3, M99844-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

APPENDIX G – LABORATORY DATA DELIVERABLES FOR SOIL VAPOR ANALYTICAL DATA

New England ACCUTEST LABORATORIES

05/06/11

Technical Report for

Antea Group

2244 Church Ave. Brooklyn, NY

2244CHUR

Accutest Job Number: M99845

Sampling Date: 05/02/11

Report to:

Antea Group
500 Summit Lake Drive Suite 150
Valhalla, NY 10595
timothy.fisher@anteagroup.com

ATTN: Tim Fisher

Total number of pages in report: **17**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Antea Group

Job No: M99845

2244 Church Ave. Brooklyn, NY
Project No: 2244CHUR

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M99845-1	05/02/11	14:00		05/03/11	AIR	Air	VP-2 "M163"
M99845-2	05/02/11	14:30		05/03/11	AIR	Air	AS-1 "M146"
M99845-3	05/02/11	14:30		05/03/11	AIR	Air	VP-1"M006"

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	VP-2 "M163"		
Lab Sample ID:	M99845-1	**Date Sampled:**	05/02/11
Matrix:	AIR - Air Summa ID: M163	**Date Received:**	05/03/11
Method:	TO-15	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J18909.D	1	05/03/11	AA	n/a	n/a	MSJ1013
Run #2	J18911.D	20	05/03/11	AA	n/a	n/a	MSJ1013

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	25.3	0.50	ppbv		60.1	1.2	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	ppbv		ND	1.1	ug/m3
71-43-2	78.11	Benzene	1.9	0.50	ppbv		6.1	1.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	ppbv		ND	3.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	ppbv		ND	5.2	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	ppbv		ND	1.9	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	ppbv		ND	2.2	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	ppbv		ND	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	3.1	0.50	ppbv		9.7	1.6	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	ppbv		ND	2.3	ug/m3
75-00-3	64.52	Chloroethane	ND	0.50	ppbv		ND	1.3	ug/m3
67-66-3	119.4	Chloroform	1.1	0.50	ppbv		5.4	2.4	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	ppbv		ND	1.0	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	ppbv		ND	1.6	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	ppbv		ND	2.6	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.50	ppbv		ND	3.1	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.50	ppbv		ND	1.7	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	ppbv		ND	3.8	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	ppbv		ND	2.3	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	ppbv		ND	1.8	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.72	0.50	ppbv		3.6	2.5	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	ppbv		ND	4.3	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	ppbv		ND	2.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.50	ppbv		ND	3.0	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	ppbv		ND	3.0	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	ppbv		ND	3.0	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	ppbv		ND	2.3	ug/m3

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	VP-2 "M163"		
Lab Sample ID:	M99845-1	**Date Sampled:**	05/02/11
Matrix:	AIR - Air Summa ID: M163	**Date Received:**	05/03/11
Method:	TO-15	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46	Ethanol	ND	0.50	ppbv		ND	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	23.0	0.50	ppbv		99.9	2.2	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	ppbv		ND	1.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	5.9	0.50	ppbv		29	2.5	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	ppbv		ND	3.8	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	ppbv		ND	3.5	ug/m3
142-82-5	100.2	Heptane	3.3	0.50	ppbv		14	2.0	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	ppbv		ND	5.3	ug/m3
110-54-3	86.17	Hexane	5.1	0.50	ppbv		18	1.8	ug/m3
591-78-6	100	2-Hexanone	4.5	0.50	ppbv		18	2.0	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	ppbv		ND	1.2	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	ppbv		ND	1.7	ug/m3
78-93-3	72.11	Methyl ethyl ketone	20.6	0.50	ppbv		60.8	1.5	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	ppbv		ND	2.0	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	ppbv		ND	1.8	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	1.3	0.50	ppbv		5.5	2.1	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.50	ppbv		ND	3.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	ppbv		ND	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	17.5	0.50	ppbv		86.0	2.5	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	8.2	0.50	ppbv		40	2.5	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	ppbv		ND	2.3	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.50	ppbv		ND	1.5	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.52	0.50	ppbv		3.5	3.4	ug/m3
109-99-9	72	Tetrahydrofuran	ND	0.50	ppbv		ND	1.5	ug/m3
108-88-3	92.14	Toluene	90.9 [a]	10	ppbv		343 [a]	38	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.50	ppbv		ND	2.7	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.52	0.50	ppbv		2.9	2.8	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.50	ppbv		ND	1.3	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	ppbv		ND	1.8	ug/m3
	106.2	m,p-Xylene	78.9	0.50	ppbv		343	2.2	ug/m3
95-47-6	106.2	o-Xylene	21.3	0.50	ppbv		92.5	2.2	ug/m3
1330-20-7	106.2	Xylenes (total)	100	0.50	ppbv		434	2.2	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	114%	99%	50-129%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	VP-2 "M163"		
Lab Sample ID:	M99845-1	**Date Sampled:**	05/02/11
Matrix:	AIR - Air Summa ID: M163	**Date Received:**	05/03/11
Method:	TO-15	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	AS-1 "M146"		
Lab Sample ID:	M99845-2	**Date Sampled:**	05/02/11
Matrix:	AIR - Air Summa ID: M148,M146	**Date Received:**	05/03/11
Method:	TO-15	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J18908.D	1	05/03/11	AA	n/a	n/a	MSJ1013
Run #2 [a]	J18910.D	20	05/03/11	AA	n/a	n/a	MSJ1013

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.7	0.50	ppbv		6.4	1.2	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	ppbv		ND	1.1	ug/m3
71-43-2	78.11	Benzene	ND	0.50	ppbv		ND	1.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	ppbv		ND	3.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	ppbv		ND	5.2	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	ppbv		ND	1.9	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	ppbv		ND	2.2	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	ppbv		ND	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.50	ppbv		ND	1.6	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	ppbv		ND	2.3	ug/m3
75-00-3	64.52	Chloroethane	ND	0.50	ppbv		ND	1.3	ug/m3
67-66-3	119.4	Chloroform	ND	0.50	ppbv		ND	2.4	ug/m3
74-87-3	50.49	Chloromethane	0.59	0.50	ppbv		1.2	1.0	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	ppbv		ND	1.6	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	ppbv		ND	2.6	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.50	ppbv		ND	3.1	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.50	ppbv		ND	1.7	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	ppbv		ND	3.8	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	ppbv		ND	2.3	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	ppbv		ND	1.8	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.61	0.50	ppbv		3.0	2.5	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	ppbv		ND	4.3	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	ppbv		ND	2.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.50	ppbv		ND	3.0	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	ppbv		ND	3.0	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	ppbv		ND	3.0	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	ppbv		ND	2.3	ug/m3

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	AS-1 "M146"		
Lab Sample ID:	M99845-2	**Date Sampled:**	05/02/11
Matrix:	AIR - Air Summa ID: M148,M146	**Date Received:**	05/03/11
Method:	TO-15	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46	Ethanol	ND	0.50	ppbv		ND	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.50	ppbv		ND	2.2	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	ppbv		ND	1.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.50	ppbv		ND	2.5	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	ppbv		ND	3.8	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	ppbv		ND	3.5	ug/m3
142-82-5	100.2	Heptane	ND	0.50	ppbv		ND	2.0	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	ppbv		ND	5.3	ug/m3
110-54-3	86.17	Hexane	ND	0.50	ppbv		ND	1.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.50	ppbv		ND	2.0	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	ppbv		ND	1.2	ug/m3
75-09-2	84.94	Methylene chloride	0.66	0.50	ppbv		2.3	1.7	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.50	ppbv		ND	1.5	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	ppbv		ND	2.0	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	ppbv		ND	1.8	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.50	ppbv		ND	2.1	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.50	ppbv		ND	3.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	ppbv		ND	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	ppbv		ND	2.5	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.50	ppbv		ND	2.5	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	ppbv		ND	2.3	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.50	ppbv		ND	1.5	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.50	ppbv		ND	3.4	ug/m3
109-99-9	72	Tetrahydrofuran	ND	0.50	ppbv		ND	1.5	ug/m3
108-88-3	92.14	Toluene	0.52	0.50	ppbv		2.0	1.9	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.50	ppbv		ND	2.7	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	ppbv		ND	2.8	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.50	ppbv		ND	1.3	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	ppbv		ND	1.8	ug/m3
	106.2	m,p-Xylene	ND	0.50	ppbv		ND	2.2	ug/m3
95-47-6	106.2	o-Xylene	ND	0.50	ppbv		ND	2.2	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.50	ppbv		ND	2.2	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%	102%	50-129%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	AS-1 "M146"		
Lab Sample ID:	M99845-2	**Date Sampled:**	05/02/11
Matrix:	AIR - Air Summa ID: M148,M146	**Date Received:**	05/03/11
Method:	TO-15	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units

(a) Confirmation run.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	VP-1"M006"		
Lab Sample ID:	M99845-3	**Date Sampled:**	05/02/11
Matrix:	AIR - Air Summa ID: M006	**Date Received:**	05/03/11
Method:	TO-15	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q18312.D	2	05/06/11	AA	n/a	n/a	MSQ776
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	48.5	1.0	ppbv		115	2.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	1.0	ppbv		ND	2.2	ug/m3
71-43-2	78.11	Benzene	1.1	1.0	ppbv		3.5	3.2	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	1.0	ppbv		ND	6.7	ug/m3
75-25-2	252.8	Bromoform	ND	1.0	ppbv		ND	10	ug/m3
74-83-9	94.94	Bromomethane	ND	1.0	ppbv		ND	3.9	ug/m3
593-60-2	106.9	Bromoethene	ND	1.0	ppbv		ND	4.4	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.0	ppbv		ND	5.2	ug/m3
75-15-0	76.14	Carbon disulfide	2.2	1.0	ppbv		6.9	3.1	ug/m3
108-90-7	112.6	Chlorobenzene	ND	1.0	ppbv		ND	4.6	ug/m3
75-00-3	64.52	Chloroethane	ND	0.40	ppbv		ND	1.1	ug/m3
67-66-3	119.4	Chloroform	ND	1.0	ppbv		ND	4.9	ug/m3
74-87-3	50.49	Chloromethane	ND	1.0	ppbv		ND	2.1	ug/m3
107-05-1	76.53	3-Chloropropene	ND	1.0	ppbv		ND	3.1	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	1.0	ppbv		ND	5.2	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.40	ppbv		ND	2.5	ug/m3
110-82-7	84.16	Cyclohexane	1.3	1.0	ppbv		4.5	3.4	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.40	ppbv		ND	1.6	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.40	ppbv		ND	1.6	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	1.0	ppbv		ND	7.7	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.40	ppbv		ND	1.6	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	1.0	ppbv		ND	4.6	ug/m3
123-91-1	88	1,4-Dioxane	ND	1.0	ppbv		ND	3.6	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	16.0	1.0	ppbv		79.1	4.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.0	ppbv		ND	8.5	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.40	ppbv		ND	1.6	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.40	ppbv		ND	1.6	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.0	ppbv		ND	4.5	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	1.0	ppbv		ND	6.0	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	1.0	ppbv		ND	6.0	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	1.0	ppbv		ND	6.0	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.0	ppbv		ND	4.5	ug/m3

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	VP-1"M006"		
Lab Sample ID:	M99845-3	**Date Sampled:**	05/02/11
Matrix:	AIR - Air Summa ID: M006	**Date Received:**	05/03/11
Method:	TO-15	**Percent Solids:**	n/a
Project:	2244 Church Ave. Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46	Ethanol	18.4	1.0	ppbv		34.6	1.9	ug/m3
100-41-4	106.2	Ethylbenzene	4.0	1.0	ppbv		17	4.3	ug/m3
141-78-6	88	Ethyl Acetate	ND	1.0	ppbv		ND	3.6	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	1.0	ppbv		ND	4.9	ug/m3
76-13-1	187.4	Freon 113	ND	1.0	ppbv		ND	7.7	ug/m3
76-14-2	170.9	Freon 114	ND	1.0	ppbv		ND	7.0	ug/m3
142-82-5	100.2	Heptane	34.5	1.0	ppbv		141	4.1	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.0	ppbv		ND	11	ug/m3
110-54-3	86.17	Hexane	3.4	1.0	ppbv		12	3.5	ug/m3
591-78-6	100	2-Hexanone	ND	1.0	ppbv		ND	4.1	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	1.0	ppbv		ND	2.5	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.0	ppbv		ND	3.5	ug/m3
78-93-3	72.11	Methyl ethyl ketone	43.4	1.0	ppbv		128	2.9	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	1.1	1.0	ppbv		4.5	4.1	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.0	ppbv		ND	3.6	ug/m3
115-07-1	42	Propylene	15.2	1.0	ppbv		26.1	1.7	ug/m3
100-42-5	104.1	Styrene	ND	1.0	ppbv		ND	4.3	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	ppbv		ND	2.2	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.40	ppbv		ND	2.7	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	ppbv		ND	2.2	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.0	ppbv		ND	7.4	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.1	1.0	ppbv		5.4	4.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	1.0	ppbv		ND	4.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.6	1.0	ppbv		7.5	4.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.7	1.0	ppbv		5.2	3.0	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.40	ppbv		ND	2.7	ug/m3
109-99-9	72	Tetrahydrofuran	1.8	1.0	ppbv		5.3	2.9	ug/m3
108-88-3	92.14	Toluene	49.5	1.0	ppbv		187	3.8	ug/m3
79-01-6	131.4	Trichloroethylene	0.45	0.40	ppbv		2.4	2.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.0	ppbv		ND	5.6	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.40	ppbv		ND	1.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.0	ppbv		ND	3.5	ug/m3
	106.2	m,p-Xylene	10.9	1.0	ppbv		47.3	4.3	ug/m3
95-47-6	106.2	o-Xylene	3.8	1.0	ppbv		17	4.3	ug/m3
1330-20-7	106.2	Xylenes (total)	14.8	1.0	ppbv		64.3	4.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		50-129%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (NY)
- Chain of Custody
- Summa Canister and Flow Controller Log

Parameter Certification Exceptions

Job Number: M99845
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Acetone	67-64-1	TO-15	AIR	Certified by SOP MMS294/GC-MS
Bromodichloromethane	75-27-4	TO-15	AIR	Certified by SOP MMS294/GC-MS
Bromoethene	593-60-2	TO-15	AIR	Certified by SOP MMS294/GC-MS
2-Chlorotoluene	95-49-8	TO-15	AIR	Certified by SOP MMS294/GC-MS
Cyclohexane	110-82-7	TO-15	AIR	Certified by SOP MMS294/GC-MS
Dibromochloromethane	124-48-1	TO-15	AIR	Certified by SOP MMS294/GC-MS
Dichlorodifluoromethane	75-71-8	TO-15	AIR	Certified by SOP MMS294/GC-MS
4-Ethyltoluene	622-96-8	TO-15	AIR	Certified by SOP MMS294/GC-MS
Ethanol	64-17-5	TO-15	AIR	Certified by SOP MMS294/GC-MS
Ethyl Acetate	141-78-6	TO-15	AIR	Certified by SOP MMS294/GC-MS
Freon 113	76-13-1	TO-15	AIR	Certified by SOP MMS294/GC-MS
Freon 114	76-14-2	TO-15	AIR	Certified by SOP MMS294/GC-MS
2-Hexanone	591-78-6	TO-15	AIR	Certified by SOP MMS294/GC-MS
Heptane	142-82-5	TO-15	AIR	Certified by SOP MMS294/GC-MS
Isopropyl Alcohol	67-63-0	TO-15	AIR	Certified by SOP MMS294/GC-MS
Propylene	115-07-1	TO-15	AIR	Certified by SOP MMS294/GC-MS
1,2,4-Trimethylbenzene	95-63-6	TO-15	AIR	Certified by SOP MMS294/GC-MS
1,3,5-Trimethylbenzene	108-67-8	TO-15	AIR	Certified by SOP MMS294/GC-MS
Tertiary Butyl Alcohol	75-65-0	TO-15	AIR	Certified by SOP MMS294/GC-MS
Tetrahydrofuran	109-99-9	TO-15	AIR	Certified by SOP MMS294/GC-MS
Trichlorofluoromethane	75-69-4	TO-15	AIR	Certified by SOP MMS294/GC-MS
m,p-Xylene		TO-15	AIR	Certified by SOP MMS294/GC-MS
o-Xylene	95-47-6	TO-15	AIR	Certified by SOP MMS294/GC-MS

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE ___ OF ___

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: M99845

Client / Reporting Information

Company Name: Antea Group
Street Address: 500 Summit Lake Dr. Suite 150
City / State / Zip: Valhalla, NY 10595
Project Contact: Tim Fisher | E-mail: Timothy.Fisher@anteagroup.com
Phone #: 914-495-9935 | Fax #:
Sampler(s) Name(s): | Phone #:

Project Information

Project Name: 2244 Church Avenue
Street: 2244 Church Ave.
City: Brooklyn, NY
Project#: BG2244CHUR
Client PO#: 2244CHUR
Project Manager: Tim Fisher

Billing Information (If different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention: | PO#:

Requested Analysis (see TEST CODE sheet): VOCs TO-15

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB Trip Blank

Accutest Sample #	Field ID / Point of Collection	MeOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	Requested Analysis	LAB USE ONLY
~~-3~~	~~VP-1 "M006"~~		~~5-2-11~~	~~14:30~~		~~Air~~	~~1~~										Do not Analyze	
-1	VP-2 "M163"		5-2-11	14:00		Air	1											
-2	AS-1 "M146"		5-2-11	14:30		Air	1											

Turnaround Time (Business days)
- ☐ Std. 10 Business Days
- ☐ Std. 5 Business Days (By Contract Only)
- ☐ 5 Day *RUSH*
- ☒ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

RUSH!

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information
- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format _____
- ☐ Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

AMB

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	5-2-11 1845	1 Fed Ex	2 FedEx	5/3/11 10:30	2 [signature]
3		3	4		4
5		5			

Custody Seal #: ☐ Intact ☐ Not Intact | Preserved where applicable ☐ | On Ice ☐ | Cooler Temp.

M99845: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M99845 **Client:** ANTEA GROUP **Immediate Client Services Action Required:** No

Date / Time Received: 5/3/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: 2244 CHAURCH AVE BROOKLYN NY **No. Coolers:** 0 **Airbill #'s:** N/A

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☐	☑
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☐	☐	☑

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

M99845: Chain of Custody
Page 2 of 2

Summa Canister and Flow Controller Log

Job Number: M99845
Account: ANTNYV Antea Group
Project: 2244 Church Ave. Brooklyn, NY
Received: 05/03/11

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
M163	6	29.4	04/13/11	AA	CP1034	J18630A.D	M99845-1	05/03/11	AA	1			1
M146	6	29.4	04/13/11	AA	CP1045	J18800A.D	M99845-2	05/03/11	AA	1.5			1
M006	6	29.4	04/13/11	AA	CP1045	J18800A.D	M99845-3	05/05/11	DFT	20		4.8	4

Accutest Bottle Order(s):
AA/4-13-11/ANTEA/2244 CHURCH

Prep Date	Room Temp(F)	Bar Pres "Hg
04/13/11	70	29.92