

DOMINO SUGAR SITE B
270-290 KENT AVENUE
BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 15CVCP003K

Prepared for:

Two Trees Management, LLC
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Prepared by:

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

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June 2014

REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

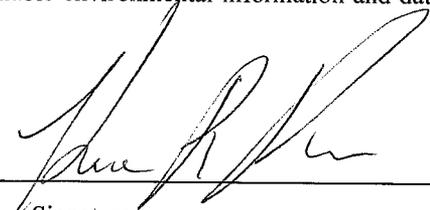
Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Kevin Brussee, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Domino Sugar Site B Redevelopment Project located at 270 to 290 Kent Avenue, Brooklyn, NY, (NYC VCP Site No. 15CVCP003K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

KEVIN BRUSSEE
Qualified Environmental Professional

8/7/2014
Date


Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

Domino Sugar Site B is located at 270 to 290 Kent Avenue in the Williamsburg-South Side section of Brooklyn, New York, and is currently identified as a portion of Block 2414 Lot 1 on the New York City Tax Map. Figure 1 shows the Site location. Lot 1 is a 717,000 ft² water front lot located on the west side of Kent Avenue between Grand Street to the north and South 5th Street to the south. Lot 1 has historically consisted of multiple industrial/commercial buildings utilized by the Domino Sugar Company and other sugar refinery companies. All of the buildings on Lot 1, with the exception of the Refinery Building, are currently being demolished. The majority of the portion of Lot 1 identified as Site B was historically utilized as parking, and the remainder of Site B was utilized as the fuel tank area (southeast portion), truck fueling area (northeastern portion), the eastern half of the raw sugar warehouse (western portion), raw sugar scale house (southwest corner), and a Domino Sugar roadway that extended South 2nd Street through Lot 1. The fuel tank area consists of two 200,754 gallon No. 6 fuel oil underground storage tanks that are registered with the New York State Department of Environmental Conservation as a Major Oil Storage Facility (MOSF).

Site B is currently bordered by Site A to the north (which includes the former Domino Sugar Research and Development Lab Building and Raw Sugar Warehouse Building), the former sugar refinery building (Site D) to the south, Kent Avenue to the east and the western half of the former Raw Sugar Warehouse to the west. Site B is a slightly irregular rectangular shaped area consisting of 340.958 feet of street frontage on Kent Avenue and a depth of approximately 224.75 feet, for a total of approximately 76,464 ft².

Following redevelopment, Site B will be subdivided to create a new tax lot (Proposed Lot B), and newly mapped streets including South 1st Street, South 2nd Street and River Street. A new



recreational and shoreline walkway/park will be created on the opposite side of River Street, which will span along the west side of Sites A, B, C, D and F.

Following redevelopment, Proposed Lot B will be bordered by Kent Avenue to the east, newly mapped South 1st Street to the north, newly mapped South 2nd Street to the south, and newly mapped River Street to the west. Proposed Lot B will consist of 220 feet of street frontage on Kent Avenue and River Avenue, and approximately 189.875 feet of street frontage on South 1st Street and South 2nd Street, creating a 41,772-square feet lot. The portion of Site B which will be converted into Proposed Lot B currently consists of the parking lot and MOSF fuel tank area, and the truck fueling area along Kent Avenue.

Site B (Proposed Lot B and the areas of each of the newly mapped streets), and the recreational and shoreline walkway/park to be constructed on the opposite side of River Street were investigated as part of the Remedial Investigation and are discussed within this Remedial Investigation Report. A map of the current site boundary for both Site B (as shown in blue dash marks) and Proposed Lot B (as shown in red dash marks) is shown on Figure 2.

Summary of Proposed Redevelopment Plan

Redevelopment of the former Domino Sugar properties (Block 2414, Lot 1 and Block 2428, Lot 1) will include four new mixed-use buildings (Sites A, B, D, E), adaptively reuse the existing landmarked Refinery building (Site F), create a one acre inland green space to be called Domino Square (Site C) and develop a new waterfront park.

The redevelopment project would encompass approximately 3 million ft², consisting of approximately 2.2 million ft² of residential floor area (to consist of both market rate and affordable housing), 500,000 ft² of commercial space, and 150,000 ft² of community facility space, as well as approximately 1,050 parking spaces. Publicly accessible open space, totaling approximately 4.8 acres, would also be created along the waterfront and throughout the Development Site. Additionally, new public sidewalks and streets (extension of South 1st Street, South 2nd Street, South 3rd Street and South 4th Street, and creation of River Street between Sites A, B, C, D and F and the waterfront park) totaling approximately 2.0 acres are proposed, providing increased public access to the waterfront.

In mixed-use buildings, residential units would generally be located on the upper floors, while office, retail, and community facility uses, including a 375-seat school within the Proposed Lot B building, would generally occupy the ground and lower floors.

The public access areas would be landscaped with large lawn areas, improved with planters and seating areas. This area would be programmed for passive uses, including seating areas and an artifact walk with historic elements from the Domino Sugar factory buildings on display, and active uses, such as playing fields and a dog run. The portion of the waterfront park to be constructed immediately west of Site B will consist of the passive recreation area, which will include lawn areas, picnic space, a lounge area, and the artifacts display area. Although this waterfront park immediately west of Site B was investigated as a part of this Remedial Investigation, it will be redeveloped under a separate Remedial Action Work Plan from Site B.

The proposed future use of Proposed Lot B will consist of a new 530-foot tall mixed-use building containing approximately 1,000,000 SF of space, and consisting of commercial retail use, community facility use including a school, and residential use. This building would also include a 300-space accessory parking facility.

A cellar level parking garage will be constructed across the majority of Proposed Lot B, with the exception of an unexcavated area along River Street. The cellar level will consist of parking, bicycle storage, the electrical, telecom, gas, water, sewer, mechanical and fire pump rooms, and three elevator pits. The ground level will consist of retail space along Kent Avenue and River Street, the school's lobby and bicycle storage room, the residential lobbies for the north tower and south tower, additional vehicular parking spaces and the parking garage entrance/exits from South 1st Street and South 2nd Street. The second floor will consist of additional vehicular parking spaces. The building's third and fourth floors will consist of the school's classrooms, gymnasium, restrooms, kitchen, and storage areas. The building then divides into the north and south towers. The 5th through 35th floors will each consist of residential apartments, and the roofs of the two towers will house the boiler rooms, generator room, electrical rooms, and Cogen rooms.

Due to the east to west downward slope of Site B, the new building's cellar level will require deeper excavation of the east side of the Site (approximately 13 feet deep), then the eastern west end (approximately 8 feet deep). Assuming an average excavation depth of approximately 10 feet across the cellar's 220 ft by 168 ft area, a total of approximately 14,000 cubic yards (21,000 tons) of soil will require removal for the new building's cellar. Additional excavation up to depths of 5 feet may be required along the River Street end of Proposed Lot B to construct the building's foundation and install the building's concrete slab. Layout of the proposed site development is presented in Figure 3. The current zoning designation is C6-2. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Two Phase I Environmental Site Assessment Reports have been completed for Sites A, B, C, D, E and F.

A Phase I Environmental Site Assessment Report was completed by Environmental Health Investigations, Inc. in 2004 for Sites A, B, C, D, E and F. At the time the Phase I ESA was completed, the Site B portion of Lot 1 consisted of two 200,754-gallon No. 6 fuel oil underground storage tanks, a part of the former raw sugar warehouse, a wash house, and two large above ground storage tanks for the storage of sugar liquor. The two ASTs were used to store up to 2.5 million gallons of "A liquor". These two tanks have since been removed, but their circular concrete bases are visible on recent aerial photographs.

The Phase I ESA indicated Lot 1 has been developed as a sugar refinery since the 1850's by companies such as the Brooklyn Sugar Refining Company (circa 1887), American Sugar Refining Company, Havemeyer and Elder Plant (from 1904 to 1970's), and the Amstar Corporation/Amstar Sugar Corporation, Domino Sugar Corporation, and Tate & Lyle North American Sugar, Inc. (1970's to 1990's). In June 1999 the facility ceased raw sugar refining, and instead began receiving partially raw sugar liquor from an affiliate facility. The northern most portion of Lot 1 (Site A) was also utilized by the Scranton Coal Company as a coal yard. Tate & Lyle North American Sugar, Inc. operated until early 2004.



The Phase I ESA revealed the following Recognized Environmental Conditions in connection with the Site B:

- The facility is a major oil storage facility. There is a tank area with a capacity over 400,000 gallons. There is visible staining of soil in the tank farm area. A subsurface investigation should be conducted in the vicinity of the tank farm.

A Phase I Environmental Site Assessment Report was completed by Emteque LLC in 2012, for Sites A, B, C, D, E, and F. Historic Sanborn maps provided within the report were reviewed by EBC and the following information was obtained:

Prior to 1935, River Street which currently terminates at Grand Street, formerly continued south along the eastern end of Site B, creating a small triangular property between River Street, Kent Avenue and South 1st Street. In the late 1880's, the triangular property was developed with two small houses and a property labeled as junk. The rest of the footprint of Site B was developed with multiple industrial buildings labeled as part of the Brooklyn Sugar Refining Co. The industrial buildings included: (1) a 2 story building labeled as the coal house which contained 10 boilers on the first floor and an additional 6 boilers on the second floor, (2) a three story building labeled as the kiln & filter house, (3) an 11 story building containing vacuum pans, a centrifugal machine, and a pump and dynamo room, (4) a five story building labeled as a machine shop, and (5) 3- and 5-story buildings labeled as mixing and sugar storage.

By 1904, the houses and junk yard on the triangular lot were replaced with a 2-story building that extended over the top of River Street, and all of the industrial buildings are labeled as part of American Sugar Refining Co. The 11-story building formerly containing the vacuum pans was converted into the refinery. The 1918 Sanborn map indicated most of the industrial buildings were vacant or converted into storage, and by 1935, all of the buildings except the existing raw sugar storage warehouse were demolished. The 1950 Sanborn maps notes the two MOSF tanks that are currently present on Site B, and the 1965 Sanborn map shows the small fuel oil pump house, and an underground gasoline tank and two small sheds/buildings immediately north of the MOST tanks. The rest of Site B was utilized as parking. Sanborn maps from the late 1970s to the



early 1990's, labeled all of Lot 1 as Amstar Corp., and from the early 1990's to 2007, the facility was labeled as Domino Sugar.

The Emteque LLC Phase I Environmental Site Assessment Report identified multiple recognized environmental conditions in connection with Lot 1. However, only four are believed to be associated with Site B: (1) underground storage tanks (USTs) and associated piping, (2) stained soils/stressed vegetation, (3) historic/urban fill, and (4) neighboring properties.

The AOCs identified for Site B include:

1. Two underground storage tanks with a combined capacity of 400,000 gallons are located in the southeast corner of Site B.
2. Historic fill layer is present at the Site at depths as great as 16 feet below grade.
3. Evidence of as many as nine gasoline or diesel underground storage tanks were observed near the Kent Avenue sidewalk.

Summary of the Work Performed under the Remedial Investigation

EBC performed the following scope of work within Site B in April of 2014:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed five soil borings within Site B, and one soil boring west of Site B within an area to be converted into the waterfront park/recreation area, and collected twelve soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two groundwater monitoring wells within Site B, and one groundwater monitoring well west of Site B within an area to be converted into the waterfront park/recreation area, to establish groundwater flow and collected three groundwater samples from three monitoring wells and collected one groundwater sample from one of the four existing MOSF tank monitoring wells to evaluate groundwater quality; and
4. Installed four soil vapor probes within Proposed Lot B and collected four soil vapor samples for chemical analysis.

Summary of Environmental Findings



1. The elevation of Site B is approximately 7 feet on the western end, and approximately 16 feet along Kent Avenue.
2. Depth to groundwater varies across Site B from approximately 5 feet on the western end, to approximately 14 feet along Kent Avenue.
3. Depth to bedrock is at the Site is greater than 100 feet.
4. The stratigraphy of Site B, from the surface down, consists of a layer of historic fill material that varies from 8 to approximately 16ft, underlain by a medium brown sand or black/grey silty sand with a bog odor.
5. Soil/fill samples collected during the 2014 EBC RI, 2004 Nova Phase II, 2004 Nova Phase III, and 2008 AKRF Phase II showed the following VOCs at a detectable concentration below Unrestricted Use SCOs; 1,2,4-trimethylbenzene (maximum [max] of 62 micrograms per kilogram [$\mu\text{g}/\text{Kg}$]), 1,3,5-trimethylbenzene (16 $\mu\text{g}/\text{Kg}$), benzene (6.6 $\mu\text{g}/\text{Kg}$), carbon disulfide (max of 25 $\mu\text{g}/\text{Kg}$), ethylbenzene (37 $\mu\text{g}/\text{Kg}$), Freon 113 (12 $\mu\text{g}/\text{Kg}$), isopropylbenzene (max of 48 $\mu\text{g}/\text{Kg}$), m&p-xylenes (max of 95 $\mu\text{g}/\text{Kg}$), methylene chloride (max of 46 $\mu\text{g}/\text{Kg}$), naphthalene (max of 9,000 $\mu\text{g}/\text{Kg}$), o-xylene (max of 58 $\mu\text{g}/\text{Kg}$), p-diethylbenzene (41 $\mu\text{g}/\text{Kg}$), p-ethyltoluene (230 $\mu\text{g}/\text{Kg}$), p-isopropyltoluene (max of 200 $\mu\text{g}/\text{Kg}$), and toluene (max of 57 $\mu\text{g}/\text{Kg}$). The VOC acetone (max of 480 $\mu\text{g}/\text{Kg}$) was detected within four soil samples at a concentration above Unrestricted Use SCOs, and the VOC methyl ethyl ketone (max of 130 $\mu\text{g}/\text{Kg}$) was detected within one soil sample at a concentration above Unrestricted Use SCOs. Eight SVOCs including benz(a)anthracene (max of 18,000 $\mu\text{g}/\text{Kg}$), benzo(a)pyrene (max of 9,100 $\mu\text{g}/\text{Kg}$), benzo(b)fluoranthene (max of 7,700 $\mu\text{g}/\text{Kg}$), benzo(k)fluoranthene (max of 7,700 $\mu\text{g}/\text{Kg}$), chrysene (max of 19,000 $\mu\text{g}/\text{Kg}$), dibenz(a,h)anthracene (max of 1,200 $\mu\text{g}/\text{Kg}$), indeno(1,2,3-cd)pyrene (max of 2,400) and phenanthrene (max of 160,000 $\mu\text{g}/\text{Kg}$) were detected above Unrestricted Use and Restricted Residential Use SCOs within soil samples retained from the historic fill layer. All of these maximum values were detected in the 0 to 2 foot interval at boring B-4, which represents a hotspot. Several metals including arsenic (max of 51.6 milligrams per kilogram [mg/Kg]), barium (max of 520 mg/Kg), chromium (max of 38.8 mg/Kg), copper (max of 1,060 mg/Kg), lead (max of 17,900 mg/Kg), mercury (max of 0.63 mg/Kg), nickel (max of 51.2 mg/Kg), and zinc (max of 1,430 mg/Kg) were detected above Unrestricted Use SCOs. Of these metals,

arsenic, barium, copper and lead also exceeded Restricted Residential Use SCOs within soil samples collected from the historic fill layer. The maximum value for lead was detected in the 10 to 12 foot interval at boring SB-3. The second highest value for lead was detected at 1,550 mg/Kg in the 0.5 to 2.5 foot interval at boring SB-4 within the future park area immediately west of Site B. Both of these locations represent hot spots. The pesticide 4,4'-DDT (6.9 $\mu\text{g/Kg}$), was detected within one soil sample at a concentration above Unrestricted Use SCOs. Overall, the findings were consistent with observations for historical fill sites in areas throughout NYC except for the SVOC hotspot and two lead hotspots.

6. Groundwater samples collected during the 2014 EBC RI, 2004 Nova Phase III, and 2008 AKRF Phase II showed no detectable concentrations of pesticides or PCBs. No VOCs were detected above GQS, but the following VOCs were detected in one or more of the groundwater samples at concentrations below GQS: acetone (max of 46 micrograms per liter [$\mu\text{g/L}$]), methyl ethyl ketone (max of 5.6 $\mu\text{g/L}$), naphthalene (3 $\mu\text{g/L}$), p-isopropyltoluene (1 $\mu\text{g/L}$) and trichloroethylene (2 $\mu\text{g/L}$). SVOCs detected above GQS included 2-nitroaniline (12 $\mu\text{g/L}$), benzo(a)anthracene (6.4 $\mu\text{g/L}$), chrysene (4.1 $\mu\text{g/L}$), and/or nitrobenzene (2.5 $\mu\text{g/L}$) in two of the six monitoring wells. Dissolved metals present in groundwater at levels above GQS included aluminum, iron, lead, magnesium, manganese, and sodium. The presence of some of these metals in groundwater, specifically those that are common salinity indicators, can be attributed to intrusion of road salting and proximity to the East River.
7. Soil vapor samples collected during the 2014 EBC RI indicated petroleum related VOCs and chlorinated VOCs were present at low concentrations. Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 18.81 $\mu\text{g/m}^3$. Overall the highest reported concentrations were for acetone (maximum of 942 $\mu\text{g/m}^3$), ethanol (maximum of 70 $\mu\text{g/m}^3$), methyl ethyl ketone (92.8 $\mu\text{g/m}^3$), propylene (maximum of 165 $\mu\text{g/m}^3$), and trichlorofluoro-methane (maximum of 62.9 $\mu\text{g/m}^3$). Trichloroethylene (TCE) was not detected in any of the four soil gas samples. Tetrachloroethylene (PCE) was detected in three of the four soil gas samples, and ranged in concentration from 0.474 to 0.678 $\mu\text{g/m}^3$. Carbon tetrachloride was detected within two of the four soil gas samples at a maximum concentration of 0.503 $\mu\text{g/m}^3$, and 1,1,1-trichloroethane (TCA) was detected in only one of

the four soil gas samples at a concentration of 4.42 $\mu\text{g}/\text{m}^3$. The PCE, carbon tetrachloride and TCA concentrations are below the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Two Trees Management LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 16.46-acre Site located at 254 to 350 Kent Avenue in the Williamsburg-South Side section of Brooklyn, New York. However, this Remedial Investigation Report only discusses the findings of sampling conducted on Site B (270 to 290 Kent Avenue). Site B will be redeveloped with two joined 35-story towers that will consist of cellar, first and second floor parking, a private school, and residential apartments. The portion of the RI work conducted on Site B was performed between April 4, 2014, and April 17, 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

Domino Sugar Site B is located at 270 to 290 Kent Avenue in the Williamsburg-South Side section of Brooklyn, New York, and is currently identified as a portion of Block 2414 Lot 1 on the New York City Tax Map. Figure 1 shows the Site location. Lot 1 is a 717,000 ft² water front lot located on the west side of Kent Avenue between Grand Street to the north and South 5th Street to the south. Lot 1 has historically consisted of multiple industrial/commercial buildings utilized by the Domino Sugar Company and other sugar refinery companies. All of the buildings on Lot 1, with the exception of the Refinery Building, are currently being demolished. The majority of the portion of Lot 1 identified as Site B was historically utilized as parking, and the remainder of Site B was utilized as the fuel tank area (southeast portion), truck fueling area (northeastern portion), the eastern half of the raw sugar warehouse (western portion), raw sugar scale house (southwest corner), and a Domino Sugar roadway that extended South 2nd Street through Lot 1. The fuel tank area consists of two 200,754 gallon No. 6 fuel oil underground storage tanks that are registered with the New York State Department of Environmental Conservation as a Major Oil Storage Facility (MOSF).

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Following redevelopment, Site B will be subdivided to create a new tax lot (Proposed Lot B), and newly mapped streets including South 1st Street, South 2nd Street and River Street. A new recreational and shoreline walkway/park will be created on the opposite side of River Street, which will span along the west side of Sites A, B, C, D and F.

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1.2 Proposed Redevelopment Plan

Redevelopment of the former Domino Sugar properties (Block 2414, Lot 1 and Block 2428, Lot 1) will include four new mixed-use buildings (Sites A, B, D, E), adaptively reuse the existing landmarked Refinery building (Site F), create a one acre inland green space to be called Domino Square (Site C) and develop a new waterfront park.

The redevelopment project would encompass approximately 3 million ft², consisting of approximately 2.2 million ft² of residential floor area (to consist of both market rate and affordable housing), 500,000 ft² of commercial space, and 150,000 ft² of community facility space, as well as approximately 1,050 parking spaces. Publicly accessible open space, totaling approximately 4.8 acres, would also be created along the waterfront and throughout the Development Site. Additionally, new public sidewalks and streets (extension of South 1st Street, South 2nd Street, South 3rd Street and South 4th Street, and creation of River Street between Sites A, B, C, D and F and the waterfront park) totaling approximately 2.0 acres are proposed, providing increased public access to the waterfront.

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The public access areas would be landscaped with large lawn areas, improved with planters and seating areas. This area would be programmed for passive uses, including seating areas and an artifact walk with historic elements from the Domino Sugar factory buildings on display, and active uses, such as playing fields and a dog run. The portion of the waterfront park to be constructed immediately west of Site B will consist of the passive recreation area, which will include lawn areas, picnic space, a lounge area, and the artifacts display area. Although this waterfront park immediately west of Site B was investigated as a part of this Remedial Investigation, it will be redeveloped under a separate Remedial Action Work Plan from Site B.

The proposed future use of Proposed Lot B will consist of a new 530-foot tall mixed-use building containing approximately 1,000,000 SF of space, and consisting of commercial retail use, community facility use including a school, and residential use. This building would also include a 300-space accessory parking facility.

A cellar level parking garage will be constructed across the majority of Proposed Lot B, with the exception of an unexcavated area along River Street. The cellar level will consist of parking, bicycle storage, the electrical, telecom, gas, water, sewer, mechanical and fire pump rooms, and three elevator pits. The ground level will consist of retail space along Kent Avenue and River

Street, the school's lobby and bicycle storage room, the residential lobbies for the north tower and south tower, additional vehicular parking spaces and the parking garage entrance/exits from South 1st Street and South 2nd Street. The second floor will consist of additional vehicular parking spaces. The building's third and fourth floors will consist of the school's classrooms, gymnasium, restrooms, kitchen, and storage areas. The building then divides into the north and south towers. The 5th through 35th floors will each consist of residential apartments, and the roofs of the two towers will house the boiler rooms, generator room, electrical rooms, and Cogen rooms.

Due to the east to west downward slope of Site B, the new building's cellar level will require deeper excavation of the east side of the Site (approximately 13 feet deep), then the eastern west end (approximately 8 feet deep). Assuming an average excavation depth of approximately 10 feet across the cellar's 220 ft by 168 ft area, a total of approximately 14,000 cubic yards (21,000 tons) of soil will require removal for the new building's cellar. Additional excavation up to depths of 5 feet may be required along the River Street end of Proposed Lot B to construct the building's foundation and install the building's concrete slab. Layout of the proposed site development is presented in Figure 3. The current zoning designation is C6-2. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area immediately surrounding Site B consists of the former Domino Sugar facility buildings to the south and north, the East River to the west and other former industrial/manufacturing buildings to the east across Kent Avenue. Figure 4 shows the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. No hospitals, schools or daycare facilities are located within a 250 ft radius of the Site. The nearest school is P.S. 084, which is located at 283 Berry Street, approximately 500 feet east Site B.

Surrounding Property Usage

Direction	Property Description
North – Adjacent Property	<u>Block 2414, Lot 1</u> (SITE A) - 254-268 Kent Avenue A one/two story industrial/office building formerly utilized by Domino Sugar as a research and development laboratory. The building is being demolished for

	construction of a new residential tower. As part of redevelopment, South 1st Street will be expanded to divide Proposed Lot B from Proposed Lot A.
South – Adjacent Property	<u>Block 2414, Lot 1 (SITE F) - 292 to 314 Kent Avenue</u> The former Domino Sugar Refinery Building is located on the opposite side of a roadway. As part of redevelopment, the Refinery Building will be renovated, and the roadway will be converted into South 2nd Street.
East – Opposite side of Kent Avenue	<u>Block 2403, Lot 1 - 285 Kent Avenue</u> A 37,800 ft ² property developed with a one and two story industrial/manufacturing building currently occupied with a dance studio and Windmill Studios.
West –	<u>East River</u>

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Two Phase I Environmental Site Assessment (ESA) Reports have been completed for Sites A, B, C, D, E and F. Both reports are summarized below.

2.1.1 Phase I Environmental Site Assessment Report (EHI, 2004)

A Phase I Environmental Site Assessment Report was completed by Environmental Health Investigations, Inc. in 2004 for Sites A, B, C, D, E and F. A copy of the Phase I Report is attached in Attachment E. At the time the Phase I ESA was completed, the Site B portion of Lot 1 consisted of two 200,754-gallon No. 6 fuel oil underground storage tanks, a part of the former raw sugar warehouse, a wash house, and two large above ground storage tanks for the storage of sugar liquor. The two ASTs were used to store up to 2.5 million gallons of "A liquor". These two tanks have since been removed, but their circular concrete bases are visible on recent aerial photographs.

The Phase I ESA indicated Lot 1 has been developed as a sugar refinery since the 1850's by companies such as the Brooklyn Sugar Refining Company (circa 1887), American Sugar Refining Company, Havemeyer and Elder Plant (from 1904 to 1970's), and the Amstar Corporation/Amstar Sugar Corporation, Domino Sugar Corporation, and Tate & Lyle North American Sugar, Inc. (1970's to 1990's). In June 1999 the facility ceased raw sugar refining, and instead began receiving partially raw sugar liquor from an affiliate facility. The northern most portion of Lot 1 (Site A) was also utilized by the Scranton Coal Company as a coal yard. Tate & Lyle North American Sugar, Inc. operated until early 2004. The Phase I ESA revealed the following Recognized Environmental Conditions in connection with the Site B:

- The facility is a major oil storage facility. There is a tank area with a capacity over 400,000 gallons. There is visible staining of soil in the tank farm area. A subsurface investigation should be conducted in the vicinity of the tank farm.

2.1.2 Phase I Environmental Site Assessment Report (Emteque LLC, 2012)

A Phase I Environmental Site Assessment Report was completed by Emteque LLC in 2012, for Sites A, B, C, D, E, and F. A copy of the Phase I Report is attached in Attachment F. Historic

Sanborn maps provided within the report were reviewed to determine the following historic use of Site B:

- **1887 Sanborn Map** - River Street is drawn along the eastern end of Site B, creating a small triangular property between River Street, Kent Avenue and South 1st Street. The small block is developed with two small houses and a property labeled as junk. The rest of Site B is developed with multiple industrial buildings labeled as part of the Brooklyn Sugar Refining Co. The industrial buildings included (1) a 2 story building labeled as the coal house. The building contained 10 boilers on the first floor and an additional 6 boilers on the second floor, (2) a three story building labeled as the kiln & filter house, (3) an 11 story building containing vacuum pans, a centrifugal machine, and a pump and dynamo room, (4) a five story building labeled as a machine shop, and (5) 3- and 5-story buildings labeled as mixing and sugar storage. A hoister along the waterfront unloaded coal from ships for transport along trestles to the coal house on Site B.

The area located west of Site that will be redeveloped as a waterfront park/recreation area consists of the western portion of the 3-story and 5-story sugar storage building.

- **1904 Sanborn Map** - River Street is still drawn along the eastern end of Site B, but the houses and junk yard have been replaced with a 2-story building that extends over River Street. The same industrial buildings are drawn on Site B, but they are now labeled as part of American Sugar Refining Co. The 11-story building formerly containing the vacuum pans is now labeled as the refinery.

The area located west of Site that will be redeveloped as a waterfront park/recreation area consists of a 3-story building labeled as a warehouse, a four- and five-story building labeled as wash houses, and a one-story building along the waterfront labeled as storage. Two large 2-story structures jut out into the East River, and were likely used as piers.

- **1918 Sanborn Map** - The 1918 Sanborn map is relatively unchanged from the 1904 Sanborn map, with the exception that several of the industrial buildings are labeled as vacant or simply labeled as storage.

No significant changes from the 1904 Sanborn map were observed on the 1918 Sanborn map for the area located west of Site that will be redeveloped as a waterfront park/recreation area.

- **1935 and 1947 Sanborn Maps** - Depicts Site B as undeveloped with the exception of a small storage building in the southeast corner and the eastern portion of the Raw Sugar Warehouse building.

The area located west of Site that will be redeveloped as a waterfront park/recreation area consists of the western portion of the Raw Sugar Warehouse, and a wharf along the waterfront. The two large piers are no longer present. The configuration of this area shown on the 1935 Sanborn map is similar to the current configuration.

- **1950 Sanborn Map** - The 1-story storage building in the southeast corner is no longer drawn, but has been replaced with the two MOSF tanks that are currently present on Site B.
- **1965 Sanborn Map** - Still depicts the MOSF tanks and a small fuel oil pump house. In addition, an underground gasoline tank and two small sheds/buildings are drawn immediately north of the MOSF tanks. The rest of Proposed Lot B is labeled as parking.
- **1977-1992 Sanborn Maps** - Site B and the area west of Site B are unchanged during this time period, but the facility is now a part of Amstar Corp. and the block is labeled as 2414.
- **1993-2007 Sanborn Maps** - Site B and the area west of Site B are unchanged during this time period, but the facility is now a part of Domino Sugar.

The Emteque LLC Phase I Environmental Site Assessment Report identified multiple recognized environmental conditions in connection with Lot 1. However, only four are believed to be associated with Site B; (1) underground storage tanks (USTs) and associated piping, (2) stained soils/stressed vegetation, (3) historic/urban fill, and (4) neighboring properties. Each are described in detail below.

- **Stained soils / stressed vegetation (Site B)**

Areas of surface soil staining were observed in the general area of the MOSF USTs. Past soil sampling investigations did not focus on these areas of surface staining and therefore there is no analytical data available to characterize the soil in these areas. Emteque LLC recommended soil borings and soil sampling in these areas to more accurately determine the volume and chemical makeup prior to off-site disposal.

- **Discolored / spill areas**

Multiple interior spaces were noted to have petroleum products either pooled on the floor, leaking from machinery or splattered on the surrounding surface areas. These areas were generally noted in machinery and or production areas. The concrete slab floors and walls in these areas appeared to be intact and therefore contamination of the underlying soils and groundwater through fractures in the concrete appears unlikely. Emteque LLC recommended an industrial cleaning to collect and dispose of the petroleum impacts prior to building demolition activities.

- **Production Wells**

Emteque LLC noted that previous environmental reports indicated that cooling water was pumped from and to the East River. Emteque LLC recommended that the conveyance process for the cooling water be identified. If the mechanism was a production well or similar conveyance system, it was recommended that these production systems be properly decommissioned during the redevelopment of the Site.

- **Universal Wastes**

Universal wastes were observed at the Site. The universal wastes were not considered a concern for impacting the surrounding soil and waters as they are generally contained, but Emteque LLC recommended an industrial cleaning/inventorying of universal wastes to collect and dispose of universal waste items in accordance with applicable regulations.

- **Underground Storage Tanks (UST) and associated piping (Site B)**

Emteque LLC noted the presence of two 200,754-gallon No. 6 fuel oil USTs, regulated by the NYSDEC as a MOSF. As part of the MOSF permit, the facility currently conducts monthly well gauging and annual ground monitoring from four wells. Emteque stated the

groundwater monitoring data did not reveal the presence of any No. 6 oil in the groundwater surrounding the USTs nor did past environmental sampling indicate contamination related to the USTs in the samples collected.

Emteque LLC also noted the possible presence of four additional former USTs (one 1,000-gallon gasoline, two 3,000-gallon diesel fuel, and one 1,500-gallon of unknown contents). Since no UST closure documentation was provided, Emteque LLC recommended all tanks and associated piping be cleaned, removed and properly disposed of in accordance with all applicable regulations. This includes post UST excavation soil sampling and laboratory analysis in accordance with NYSDEC requirements and regulations.

- **Aboveground Storage Tanks (AST) and associated piping**

Emteque LLC stated several ASTs were previously utilized on Lot 1, including one 274-gallon diesel fuel, two 275-gallon waste oil, and one 560-gallon sodium hydroxide tank. Additionally, there were multiple ASTs, storage silos and other aboveground product containment structures located at the facility. Emteque recommended an industrial cleaning / hazardous characterization to sample unknown tank contents, clean, collect and dispose of any petroleum and/or hazardous substances that may remain within these ASTs.

- **Drum Storage**

Emteque LLC observed drums on Lot 1, many of which were noted to have discharged to their surroundings as noted by staining of the surrounding floors and/or stored without labels. Emteque LLC recommended an industrial cleaning / hazardous characterization to sample unknown drum contents, clean, collect and dispose of any petroleum and/or hazardous substance.

- **Chemical Storage**

Emteque LLC reported seeing a chemical storage within the laboratory building (Site A) and Paint Shop. The contents of these cabinets and rooms are unknown. Emteque LLC recommended hazardous characterization to sample unknown chemicals prior to their disposal in accordance with applicable regulations.

- **Below grade piping, trenches, sumps and pits**

Emteque LLC observed several steel plate covered trenches and pits throughout the facility. Emteque LLC assumed they were associated with waste and/or process conveyance. Emteque LLC stated previous reports indicate that these structures may have been used for the facilities sugar recycling system as well as the descaling operations. Emteque LLC recommended the trenches and pits be visually inspected for contents. If petroleum and or hazardous substances are suspected, a hazardous characterization is recommended to sample unknown contents, clean, collect and dispose of any petroleum and/or hazardous substance area.

- **Boiler stacks**

Emteque LLC observed a large boiler “smoke” stock with considerable accumulation of ash and debris within the base of the stack. Emteque LLC recommended sampling of interior lining and ash prior to demolition / disposal to characterize their chemical makeup prior to disposal.

- **Historic / Urban fill (Site B)**

Emteque LLC stated previous environmental investigations conducted on Lot 1 have identified soil and groundwater contamination attributed to previous filling of the property prior to development. Emteque LLC recommended additional sampling of soil and groundwater to fully characterize the site to aid in the development and implementation both engineering and institutional controls. Additionally, further characterization of the site soil will be required prior to its off-site disposal.

- **Neighboring Properties (Site B)**

Emteque LLC noted that several neighboring properties were recorded within environmental databases reviewed. If impacts are noted on site during redevelopment activities that appear to have an off-site source; further investigation may be warranted

2.2 Previous Investigations

EBC was provided digital copies of previous investigations performed at the Site. A summary of each is provided below.

2.2.1 Phase II Environmental Site Assessment (Nova, 2004)

A Phase II Environmental Site Assessment was performed across Lot 1 by Nova Consulting & Engineering, LLC (Nova) in June of 2004. The Phase II ESA was conducted to investigate each of the recognized environmental conditions reported within the 2004 Environmental Health Investigations, Inc. Phase I Report.

Nova's Phase II Environmental Site Assessment included the following work on Site B:

- Completion of three soil borings within the footprint of Proposed Lot B (B-1, B-2 and B-3), and 2 soil borings within the roadway that will be converted into South 2nd Street (B-4 and B-5), and collection of nine soil samples for laboratory analysis.

With the exception of B-1, two samples were selected from each soil boring location for laboratory analysis. For soil borings B-2, B-3, B-4, and B-5, one soil sample was retained from the interval 2 to 4 feet below grade, and one soil sample was retained from the 2 foot interval immediately above the water table. For soil boring B-1, a soil sample was only retained for laboratory analysis from the interval 4 to 6 feet below grade. The nine soil samples were laboratory analyzed for VOCs, and SVOCs. The laboratory results are compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCO) as presented in 6NYCRR Part 375-6.8 and CP51 on Tables 2 and 3. Figure 6 shows the location and posts the values for soil that exceeds UUSCOs and RRSCO.

A copy of the report is included in Attachment G.

2.2.2 Phase III Environmental Site Assessment (Nova, 2004)

A Phase III Environmental Site Assessment was performed across Lot 1, and Block 2428, Lot 1 by Nova Consulting & Engineering, LLC (Nova) in June of 2004. The Phase III ESA was conducted to further investigate each of the recognized environmental conditions reported within the 2004 Environmental Health Investigations, Inc. Phase I Report. Nova's Phase III Environmental Site Assessment included the following work on Site B:

- Completion of an additional two soil borings within the footprint of Proposed Lot B (B-7 and B-8), one additional soil boring within the roadway that will be converted into South

2nd Street (B-14), one soil boring within the western half of the former Raw Sugar Warehouse building (B-16) which will be converted into waterfront park/recreation area to be constructed west of Site B, and one soil boring located just outside the footprint of Proposed Lot B that will be converted into South 1st Street (B-6). The Phase III included the collection of nine soil samples from the five soil borings for laboratory analysis.

- Installation of one monitoring well at the B-6 soil boring location, and collection of one groundwater sample from the monitoring well.

From the two soil borings conducted within the footprint of Proposed Lot B (B-7, B8), one soil sample was retained from the interval 0 to 4 feet below grade, and one soil sample was retained from the 2 foot interval immediately above the water table. One soil sample was retained for laboratory analysis from the soil boring performed in the western half of the Raw Sugar Warehouse (B-16) from the interval 4 to 6 feet below grade, one soil sample was retained for laboratory analysis from the additional soil boring performed in the area to be converted into South 2nd Street (B-14) from interval 0 to 4 feet below grade, and soil samples were retained for laboratory analysis from the intervals 0 to 4 feet below grade, 4 to 8 feet below grade, and 16 to 20 feet below grade from the soil boring conducted within the area that will be converted into South 1st Street (B-6). Each of the soil samples were submitted for laboratory analysis of VOCs, and SVOCs, and the soil samples retained from B-6, B-14, and B16 were submitted for laboratory analysis of RCRA metals. The laboratory results are compared to UUSCOs and RRSCO as presented in 6NYCRR Part 375-6.8 and CP51 on Tables 2, 3, and 5. Figure 6 shows the location and posts the values for soil that exceeds UUSCOs and RRSCO.

Soil boring B-6 was converted into a temporary monitoring well using 20 feet of 1-inch diameter PVC well material. Groundwater sample W-1 was collected and submitted for laboratory analysis of VOCs and SVOCs. The laboratory results are summarized on Tables 6 and 7 and compared to New York State 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). Figure 7 shows the location and posts the values for groundwater that exceed GQS.

A copy of the report is included in Attachment H.

2.2.3 Subsurface (Phase II) Investigation (AKRF, 2008)

A Subsurface (Phase II) Investigation was performed across Lot 1, and Block 2428, Lot 1 by AKRF, Inc. (AKRF) in February of 2009. The Subsurface (Phase II) Investigation was conducted to determine whether current or former on- or off-site activities have adversely affected the subject property. AKRF's Subsurface (Phase II) Investigation included the following work on Site B:

- Completion of one additional soil boring within the footprint of Proposed Lot B (SB-3), and one additional soil boring within the rear of the former Raw Sugar Warehouse building (SB-4) which will be converted into waterfront park/recreation area located west of Site B. The Phase II included the collection of four soil samples for laboratory analysis from the two soil borings.
- The collection of one groundwater sample (W-4) from one of the four existing MOSF monitoring wells installed around the perimeter of the two MOSF tanks.

From the single soil boring conducted within the footprint of Proposed Lot B (SB-3), one soil sample was retained from the interval 4 to 6 feet below grade, and one soil sample was retained from the 2 foot interval immediately above the water table. One soil sample was retained for laboratory analysis from the soil boring performed in the rear of the Raw Sugar Warehouse (SB-4) from the interval 0.5 to 2.5 feet below grade, and one sample was retained for laboratory analysis from the 2 foot interval immediately above the water table. The four soil samples were submitted for laboratory analysis of VOCs, SVOCs, pesticides/PCBs and metals. The laboratory results are compared to UUSCOs and RRSCO as presented in 6NYCRR Part 375-6.8 and CP51 on Tables 2, 3, 4, and 5. Figure 6 shows the location and posts the values for soil that exceeds UUSCOs and RRSCO.

Groundwater sample W-4 was collected from the existing monitoring well located off of the northeast corner of the MOSF tank area. The groundwater sample was submitted for laboratory analysis of VOCs, SVOCs, pesticides/PCBs, total metals and dissolved metals. The laboratory results are summarized on Tables 6 to 10, and compared to New York State 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). Figure 7 shows the location and posts the

values for groundwater that exceed GQS. A copy of the report is included in Attachment I.

2.3 Site Inspection

Mr. Kevin Waters of EBC performed the site inspection on Friday, April 4, 2014, beginning at approximately 7:00 am. The reconnaissance included a visual inspection of Site B, the buildings roadways and sidewalks surrounding Site B, and the exterior of adjacent properties. At the time of the inspection, demolition work was being conducted on adjacent Domino Sugar buildings, and an 8-foot high wooden construction fence was constructed along Kent Avenue, and security limited access to demolition employees, site representatives and EBC.

The majority of Site B consisted of a former parking area that was recently leveled with demolition debris. The majority of the groundcover of Site B consisted of exposed soil comprised primarily of broken pieces of concrete and brick.

The MOSF tank area was observed in the southeast corner of Site B, just north of a roadway that will be converted into South 2nd Street. The area consisted of soil with excessive vegetation that made location of the four MOSF monitoring wells difficult. EBC located one of the monitoring wells (MW-2), off of the northwest corner. This monitoring well was sampled as part of the EBC 2014 RI.

A concrete capped area was observed along Kent Avenue, immediately north of the MOSF tank area. Nine vent pipes typically indicative of underground diesel or gasoline tanks was observed protruding from a concrete wall immediately south of the shed. EBC also noted multiple manways within the concrete pad that may indicate the presence of underground storage tanks. Each of the suspected fill ports was filled with concrete. EBC suspects this area was formerly utilized as the truck fueling station. Based on the number of vent pipes observed, EBC suspects as many as nine underground tanks containing either diesel or gasoline may be present.

The former Raw Sugar Warehouse building located along the western end of Site B is largely one open room with loading bays and multiple floors along the eastern wall. At the time of the inspection the basement was completely flooded limiting EBC's access. The large open area of the warehouse was in use by artists and contractors constructing an art gallery. No aboveground

storage tanks or hazardous materials were noted in the building where EBC had access. No storm drains, aboveground storage tanks was observed during the Site inspection.

2.4 Areas of Concern

The AOCs identified for Site B include:

1. Two underground storage tanks with a combined capacity of 400,000 gallons are located in the southeast corner of Site B.
2. Historic fill layer is present at the Site at depths as great as 16 feet below grade.
3. Evidence of as many as nine gasoline or diesel underground storage tanks were observed near the Kent Avenue sidewalk.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Kevin Brussee.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

EBC performed the following scope of work within Site B in April of 2014:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed five soil borings within Site B, and one soil boring west of Site B within an area to be converted into the waterfront park/recreation area, and collected twelve soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two groundwater monitoring wells within Site B, and one groundwater monitoring well west of Site B within an area to be converted into the waterfront park/recreation area, to establish groundwater flow and collected three groundwater samples from three monitoring wells and collected one groundwater sample from one of the four existing MOSF tank monitoring wells to evaluate groundwater quality; and
4. Installed four soil vapor probes within Proposed Lot B and collected four soil vapor samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was not performed as a part of this assessment. The location of the two existing MOSF tanks is known, and the location of the gasoline or diesel underground storage tanks associated with the former truck fueling area were easily identifiable by fill ports and vent pipes.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On April 4, 2014, and April 16, 2014, six soil borings (SB1 through SB6) were performed in the approximate locations shown on Figure 5. The six soil boring locations were chosen to gain representative soil quality information across Site B. For each of the six soil borings, soil samples were collected continuously from grade to the groundwater interface using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. The highest elevation of Site B is along Kent Avenue (approximately 17 feet), and property slopes downward

towards the former Raw Sugar Warehouse located on the west end of Site B. Therefore, groundwater was encountered in soil borings performed on the eastern end of Site B at a depth of approximately 14 feet, and the western end of Site B at approximately 7 feet below grade. No PID readings above background concentrations were obtained from any of the soil borings.

One soil sample was retained from each boring representing the interval 0 to 2 feet below grade and one soil sample was retained from each of the soil borings from the 2ft interval immediately below the groundwater interface.

Soil boring details are provided in Table 1. Boring logs were prepared by a Qualified Environmental Professional and are attached in Attachment A.

Groundwater Monitoring Well Construction

A temporary 1-inch diameter PVC monitoring well with 10 feet of 0.010 slot screen was installed at boring locations SB2, SB3 and SB6 set to intersect the water table. Monitoring well MW3 which was installed close to Kent Avenue required installation at a depth of 25 feet below grade, and monitoring wells MW1 and MW2 required installation at 15 feet below grade because they were installed within areas that had a lower elevation. Monitoring well sampling details are provided in Table 1. Monitoring well locations are shown in Figure 5.

Survey

Soil borings and wells were located to the nearest 0.10 foot with respect to two or more permanent site features.

Water Level Measurement

Approximate groundwater level measurements were collected using a Solinst oil/water interface meter to ensure the surface of the water table was within the screened section of the monitoring well. No free product was observed within the three monitoring wells or MOSF tank monitoring well. Water level data is included in Table 1.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area

history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Twelve soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 2B, 3B, 4 and 5. Figure 5 shows the location of samples collected during this RI, and the soil boring locations of the 2004 Nova Phase II, 2004 Nova Phase III and 2008 AKRF Phase II. Laboratories and analytical methods for soil samples collected during the 2014 EBC RI are shown below.

The twelve soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, and target analyte list (TAL) metals. In addition, each of the six soil samples retained from the interval 0 to 2 feet below grade were analyzed for pesticides/PCBs by EPA Methods 8081/8082. Since no pesticides or PCBs were detected above UUSCOs within the shallow soil samples, the deeper soil samples were not submitted for laboratory analysis of pesticides/PCBs.

Groundwater Sampling

One groundwater sample was collected from one of the four existing MOSF tank monitoring wells and three groundwater samples were collected from one-inch diameter PVC monitoring wells installed 5-feet below the water table interface. The four groundwater samples were collected utilizing dedicated polyethylene tubing and a peristaltic pump. Groundwater samples

were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, and dissolved TAL metals. Two of the groundwater samples (MW2 and Tank Area MW2) were also analyzed for pesticides/PCBs by EPA Methods 8081/8082. Groundwater sample collection data is reported in Tables 6 through 10. Sampling logs with information on purging and sampling of groundwater monitoring wells is included in Attachment B. Figure 5 shows the location of each of the three monitoring wells installed by EBC, the existing MOSF monitoring well sampled by EBC, and locations in which groundwater was sampled during the 2004 Nova Phase III and 2008 AKRF Phase II. Laboratories and analytical methods for groundwater samples collected during the 2014 EBC RI are shown below.

Soil Vapor Sampling

Four soil vapor probes were installed and four soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 11. The soil vapor sampling log is included in Attachment C. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

The four soil vapor implants were installed using Geoprobe™ equipment and tooling. The vapor implants that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. The implants were installed to a depth of approximately 2 feet below above the groundwater interface. Each implant was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Soil vapor sampling for the four implants installed on April 4, 2014, was conducted on April 17, 2014. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a

quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all four soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the four vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (Attachment C). Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories
Chemical Analytical	Chemical analytical laboratory(s) used in the RI is NYS ELAP

Laboratory	certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	<p>Soil and groundwater analytical methods:</p> <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater, and soil vapor are summarized in Tables 2A through 11. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Attachment D.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of Site B, from the surface down, consists of a layer of historic fill material that varies from 8 to approximately 16ft, underlain by a medium brown sand or black/grey silty sand with a bog odor.

Hydrogeology

A table of water level data for all monitoring wells is included in Table 12. The depth to groundwater at varies from approximately 14 feet below grade on the east side of Site B to approximately 6 feet below grade on the west side of Site B. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 9. Groundwater flow is from northeast to southwest.

5.2 Soil Chemistry

Data collected during the RI performed in 2014, when combined with the data collected during the 2004 Nova Phase II, 2004 Nova Phase III, and 2008 AKRF Phase II is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Tables 2A, 2B, 3A, 3B, 4 and 5. Laboratory results from the 2014 EBC RI, 2004 Nova Phase II, 2004 Nova Phase III, and 2008 AKRF Phase II were compared to UUSCOs and RRSCO. A copy of each of the laboratory reports for the 2014 EBC RI soil samples is provided in Attachment D. Figure 6 shows the location and posts the values for soil/fill from the 2014 EBC RI 2004, Nova Phase II, 2004 Nova Phase III, and 2008 AKRF Phase II that exceeds UUSCOs and RRSCO.

Soil/fill samples collected during the 2014 EBC RI, 2004 Nova Phase II, 2004 Nova Phase III, and 2008 AKRF Phase II showed the following VOCs at a detectable concentration below Unrestricted Use SCOs; 1,2,4-trimethylbenzene (maximum [max] of 62 micrograms per kilogram [$\mu\text{g}/\text{Kg}$]), 1,3,5-trimethylbenzene (16 $\mu\text{g}/\text{Kg}$), benzene (6.6 $\mu\text{g}/\text{Kg}$), carbon disulfide (max of 25 $\mu\text{g}/\text{Kg}$), ethylbenzene (37 $\mu\text{g}/\text{Kg}$), Freon 113 (12 $\mu\text{g}/\text{Kg}$), isopropylbenzene (max of 48 $\mu\text{g}/\text{Kg}$), m&p-xylenes (max of 95 $\mu\text{g}/\text{Kg}$), methylene chloride (max of 46 $\mu\text{g}/\text{Kg}$), naphthalene (max of 9,000 $\mu\text{g}/\text{Kg}$), o-xylene (max of 58 $\mu\text{g}/\text{Kg}$), p-diethylbenzene (41 $\mu\text{g}/\text{Kg}$),

p-ethyltoluene (230 µg/Kg), p-isopropyltoluene (max of 200 µg/Kg), and toluene (max of 57 µg/Kg). The VOC acetone (max of 480 µg/Kg) was detected within four soil samples at a concentration above Unrestricted Use SCOs, and the VOC methyl ethyl ketone (max of 130 µg/Kg) was detected within one soil sample at a concentration above Unrestricted Use SCOs. Eight SVOCs including benz(a)anthracene (max of 18,000 µg/Kg), benzo(a)pyrene (max of 9,100 µg/Kg), benzo(b)fluoranthene (max of 7,700 µg/Kg), benzo(k)fluoranthene (max of 7,700 µg/Kg), chrysene (max of 19,000 µg/Kg), dibenz(a,h)anthracene (max of 1,200 µg/Kg), indeno(1,2,3-cd)pyrene (max of 2,400) and phenanthrene (max of 160,000 µg/Kg) were detected above Unrestricted Use and Restricted Residential Use SCOs within soil samples retained from the historic fill layer. **All of these maximum values were detected in the 0 to 2 foot interval at boring B-4, which represents a hotspot.** Several metals including arsenic (max of 51.6 milligrams per kilogram [mg/Kg]), barium (max of 520 mg/Kg), chromium (max of 38.8 mg/Kg), copper (max of 1,060 mg/Kg), lead (max of 17,900 mg/Kg), mercury (max of 0.63 mg/Kg), nickel (max of 51.2 mg/Kg), and zinc (max of 1,430 mg/Kg) were detected above Unrestricted Use SCOs. Of these metals, arsenic, barium, copper and lead also exceeded Restricted Residential Use SCOs within soil samples collected from the historic fill layer. **The maximum value for lead was detected in the 10 to 12 foot interval at boring SB-3. The second highest value for lead was detected at 1,550 mg/Kg in the 0.5 to 2.5 foot interval at boring SB-4 within the future park area immediately west of Site B. Both of these locations represent hot spots.** The pesticide 4,4'-DDT (6.9 µg/Kg), was detected within one soil sample at a concentration above Unrestricted Use SCOs. Overall, the findings were consistent with observations for historical fill sites in areas throughout NYC except for the SVOC hotspot and two lead hotspots.

5.3 Groundwater Chemistry

Data collected during the RI performed in 2014 when combined with the data collected during 2004 Nova Phase III, and 2008 AKRF Phase II is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples collected during the 2014 EBC RI, 2004 Nova Phase III, and 2008 AKRF Phase II is included in Tables 6 through 10. Figure 7 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS) for the 2014 EBC RI, 2004 Nova Phase III, and 2008

AKRF Phase II. A copy of the laboratory report for the 2014 RI groundwater samples is provided in Attachment D.

Groundwater samples collected during the 2014 EBC RI, 2004 Nova Phase III, and 2008 AKRF Phase II showed no detectable concentrations of pesticides or PCBs. No VOCs were detected above GQS, but the following VOCs were detected in one or more of the groundwater samples at concentrations below GQS: acetone (max of 46 micrograms per liter [$\mu\text{g/L}$]), methyl ethyl ketone (max of 5.6 $\mu\text{g/L}$), naphthalene (3 $\mu\text{g/L}$), p-isopropyltoluene (1 $\mu\text{g/L}$) and trichloroethylene (2 $\mu\text{g/L}$). SVOCs detected above GQS included 2-nitroaniline (12 $\mu\text{g/L}$), benzo(a)anthracene (6.4 $\mu\text{g/L}$), chrysene (4.1 $\mu\text{g/L}$), and/or nitrobenzene (2.5 $\mu\text{g/L}$) in two of the six monitoring wells. Dissolved metals present in groundwater at levels above GQS included aluminum, iron, lead, magnesium, manganese, and sodium. The presence of some of these metals in groundwater, specifically those that are common salinity indicators, can be attributed to intrusion of road salting and proximity to the East River.

5.4 Soil Vapor Chemistry

Data collected during the 2014 RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11.

Figure 8 shows the location and posts the values for soil vapor samples with detected concentrations.

Soil vapor samples collected during the 2014 EBC RI indicated petroleum related VOCs and chlorinated VOCs were present at low concentrations. Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 18.81 $\mu\text{g/m}^3$. Overall the highest reported concentrations were for acetone (maximum of 942 $\mu\text{g/m}^3$), ethanol (maximum of 70 $\mu\text{g/m}^3$), methyl ethyl ketone (92.8 $\mu\text{g/m}^3$), propylene (maximum of 165 $\mu\text{g/m}^3$), and trichlorofluoromethane (maximum of 62.9 $\mu\text{g/m}^3$). Trichloroethylene (TCE) was not detected in any of the four soil gas samples. Tetrachloroethylene (PCE) was detected in three of the four soil gas samples, and ranged in concentration from 0.474 to 0.678 $\mu\text{g/m}^3$. Carbon tetrachloride was detected within two of the four soil gas samples at a maximum concentration of 0.503 $\mu\text{g/m}^3$, and 1,1,1-

trichloethane (TCA) was detected in only one of the four soil gas samples at a concentration of 4.42 $\mu\text{g}/\text{m}^3$. The PCE, carbon tetrachloride and TCA concentrations are below the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected for Site B.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

TABLES

Table 1
 Former Domino Sugar Facility
 Site B
 270 to 290 Kent Avenue, Brooklyn, NY
 Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
SB1	4/4/2014	12	2	Geoprobe	-	-
SB2	4/4/2014	12	2	Geoprobe	-	-
SB3	4/4/2014	16	2	Geoprobe	-	-
SB4	4/16/2014	20	2	Geoprobe	-	-
SB5	4/4/2014	10	2	Geoprobe	-	-
SB6	4/16/2014	15	2	Geoprobe	-	-
MW1	4/16/2014	15	1	PVC	10.00	~10
MW2	4/4/2014	16	1	PVC	10.00	11.20
MW3	4/4/2014	20	1	PVC	10.00	13.78

TABLE 2B
 Site B
 Former Domino Sugar Site
 Brooklyn, New York
 Soil Analytical Results
 Volatile Organic Compounds - 2014 RI

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives	Performed within Site B																Performed in Waterfront Park							
			SB1				SB2				SB3				SB4				SB5				SB6			
			(0-2') EBC RI		(7-9') EBC RI		(0-2') EBC RI		(7-9') EBC RI		(0-2') EBC RI		(9-11') EBC RI		(0-2') EBC RI		(14-16') EBC RI		(0-2') EBC RI		(7-9') EBC RI		(0-2') EBC RI		(17-19') EBC RI	
			4/4/2014 µg/Kg		4/4/2014 µg/Kg		4/4/2014 µg/Kg		4/4/2014 µg/Kg		4/4/2014 µg/Kg		4/4/2014 µg/Kg		4/16/2014 µg/Kg		4/16/2014 µg/Kg		4/4/2014 µg/Kg		4/4/2014 µg/Kg		4/16/2014 µg/Kg		4/16/2014 µg/Kg	
Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	
1,1,1,2-Tetrachloroethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,1,1-Trichloroethane	680		< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,1,2,2-Tetrachloroethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,1,2-Trichloroethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,1-Dichloroethane	270	26,000	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,1-Dichloroethene	330	100,000	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,1-Dichloropropene			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2,3-Trichlorobenzene			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2,3-Trichloropropane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2,4-Trichlorobenzene			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2,4-Trichloropropane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2,4-Trimethylbenzene	3,600	52,000	< 6.0	6	< 6.5	6.5	1.2	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	16	8.1
1,2-Dibromo-3-chloropropane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2-Dibromomethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2-Dichlorobenzene	1,100	100,000	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2-Dichloroethane	20	3,100	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,2-Dichloropropane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,3,5-Trimethylbenzene	8,400	52,000	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,3-Dichlorobenzene	2,400	4,900	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,3-Dichloropropane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,3-Dichloroethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
1,4-Dichlorobenzene	1,800	13,000	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
2,2-Dichloropropane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
2-Chlorotoluene			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
2-Hexanone (Methyl Butyl Ketone)			< 30	30	< 33	33	< 30	30	< 30	30	< 1400	1,400	< 29	29	< 35	35	< 45	45	< 29	29	< 28	28	< 36	36	< 41	41
2-Isopropyltoluene			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
4-Chlorotoluene			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
4-Methyl-2-Pentanone			< 30	30	< 33	33	< 30	30	< 30	30	< 1400	1,400	< 29	29	< 35	35	< 45	45	< 29	29	< 28	28	< 36	36	< 41	41
Acetone	50	100,000	6.5	50	< 50	50	75	61	48	50	< 2800	2,800	49	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	160	81
Acrylonitrile			< 12	12	< 13	13	< 12	12	< 12	12	< 560	560	< 12	12	< 14	14	< 18	18	< 11	11	< 11	11	< 14	14	< 16	16
Benzene	60	4,800	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Bromobenzene			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 280	280	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Bromochloromethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Bromodichloromethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Bromoform			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Bromomethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Carbon Disulfide			< 6.0	6	1.6	6.5	10	6.1	1.6	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	1.1	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Carbon tetrachloride	760	2,400	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Chlorobenzene	1,100	100,000	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Chloroethane			< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	< 7.2	7.2	< 8.1	8.1
Chloroform	370	49,000	< 6.0	6	< 6.5	6.5	< 6.1	6.1	< 6.0	6	< 280	280	< 5.8	5.8	< 7.1	7.1	< 9.0	9	< 5.7	5.7	< 5.6	5.6	<			

TABLE 3B
 Site B
 Former Domino Sugar Site
 Brooklyn, New York
 Soil Analytical Results
 Semi-Volatile Organic Compounds - 2014 RI

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Performed within Site B												Performed in Waterfront Park											
			SB1		SB2		SB3		SB4		SB5		SB6													
			(0-2')		(7-9')		(0-2')		(7-9')		(0-2')		(9-11')		(0-2')		(7-9')		(0-2')		(17-19')					
			EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI				
			4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/16/2014 µg/Kg	4/16/2014 µg/Kg	4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/16/2014 µg/Kg	4/16/2014 µg/Kg	4/4/2014 µg/Kg	4/4/2014 µg/Kg	4/16/2014 µg/Kg	4/16/2014 µg/Kg	4/16/2014 µg/Kg	4/16/2014 µg/Kg				
1,2,4,5-Tetrachlorobenzene			< 540	540	< 510	510	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
1,2,4-Trichlorobenzene			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
1,2-Dichlorobenzene			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
1,2-Diphenylhydrazine			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
1,3-Dichlorobenzene			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
1,4-Dichlorobenzene			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2,4,5-Trichlorophenol			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2,4,6-Trichlorophenol			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2,4-Dichlorophenol			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2,4-Dimethylphenol			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2,4-Dinitrophenol			< 3900	3,900	< 2200	2,200	< 4000	4,000	< 3900	3,900	< 3600	3,600	< 1900	1,900	< 3900	3,900	< 2200	2,200	< 46000	46,000	< 1900	1,900	< 1900	1,900	< 110000	110,000
2,4-Dinitrotoluene			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2,6-Dinitrotoluene			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2-Chloronaphthalene			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2-Chlorophenol			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2-Methylnaphthalene			< 540	540	< 310	310	250	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2-Methylphenol (o-cresol)	330	100,000	< 330	330	< 310	310	< 330	330	< 330	330	< 330	330	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
2-Nitroaniline			< 3900	3,900	< 2200	2,200	< 4000	4,000	< 3900	3,900	< 3600	3,600	< 1900	1,900	< 3900	3,900	< 2200	2,200	< 46000	46,000	< 1900	1,900	< 1900	1,900	< 110000	110,000
2-Nitrophenol			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
3&4-Methylphenol (m&p-cresol)	330	100,000	< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
3,3'-Dichlorobenzidine			< 1600	1,600	< 870	870	< 1600	1,600	< 1600	1,600	< 1500	1,500	< 760	760	< 1500	1,500	< 900	900	< 18000	18,000	< 750	750	< 770	770	< 43000	43,000
3-Nitroaniline			< 3900	3,900	< 2200	2,200	< 4000	4,000	< 3900	3,900	< 3600	3,600	< 1900	1,900	< 3900	3,900	< 2200	2,200	< 46000	46,000	< 1900	1,900	< 1900	1,900	< 110000	110,000
4,6-Dinitro-2-methylphenol			< 3900	3,900	< 2200	2,200	< 4000	4,000	< 3900	3,900	< 3600	3,600	< 1900	1,900	< 3900	3,900	< 2200	2,200	< 46000	46,000	< 1900	1,900	< 1900	1,900	< 110000	110,000
4-Bromophenyl phenyl ether			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
4-Chloro-3-methylphenol			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
4-Chloroaniline			< 1600	1,600	< 870	870	< 1600	1,600	< 1600	1,600	< 1500	1,500	< 760	760	< 1500	1,500	< 900	900	< 18000	18,000	< 750	750	< 770	770	< 43000	43,000
4-Chlorophenyl phenyl ether			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
4-Nitroaniline			< 3900	3,900	< 2200	2,200	< 4000	4,000	< 3900	3,900	< 3600	3,600	< 1900	1,900	< 3900	3,900	< 2200	2,200	< 46000	46,000	< 1900	1,900	< 1900	1,900	< 110000	110,000
4-Nitrophenol			< 3900	3,900	< 2200	2,200	< 4000	4,000	< 3900	3,900	< 3600	3,600	< 1900	1,900	< 3900	3,900	< 2200	2,200	< 46000	46,000	< 1900	1,900	< 1900	1,900	< 110000	110,000
Acenaphthene	20,000	100,000	330	540	< 310	310	350	560	370	550	280	510	120	270	420	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	8,600	110,000
Acenaphthylene	100,000	100,000	< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	110	270	< 15000	15,000
Acetophenone			< 540	540	< 310	310	< 560	560	< 550	550	< 510	510	< 270	270	< 540	540	< 310	310	< 6400	6,400	< 260	260	< 270	270	< 15000	15,000
Aniline			< 2900	2,900	< 2200	2,200	< 4000	4,000	< 3900	3,900	< 3600	3,600	< 1900	1,900	< 3900	3,900	< 2200	2,200	< 46000	46,000	< 1900	1,900	< 1900	1,900	< 110000	110,000
Anthracene	100,000	100,000	600	940	< 310	310	650	950	580	950	710	510	270	270	980	540	< 310	310	< 6400	6,400	< 260	260	190	270	8,800	15,000
Benzo(a)anthracene	1,000	1,000	1,500	540	590	310	1,400	560	890	550	1,800	510	230	270	2,000	540	530	310	< 6400	6,400	< 260	260	690	270	< 15000	15,000
Benzenzopyrene	1,000	1,000	1,200	540	460	310	1,100	560	700	550	1,500	510	190	270	1,800	540	380	310	< 6400	6,400	< 260	260	660	270	< 15000	15,000
Benzo(b)fluoranthene	1,000	1,000	1,600	540	640	310	1,500	560	860	550	2,000	510	250	270	2,700	540	490	310	< 6400	6,400	< 260	260	870	270	< 15000	15,000
Benzo(g)hperylene	100,000	100,000	630	540	260	310	420	560	330	550	560															

TABLE 4
 Site B
 Former Domino Sugar Site
 Brooklyn, New York
 Soil Analytical Results
 Pesticides / PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Performed within Site B											Performed within Waterfront Park				
			Previous Investigations		2014 Remedial Investigation										Previous Investigations		2014 EBC RI	
			SB-3		SB1	SB2	SB3	SB4	SB5	SB-4		SB6						
			(4-6')	(10-12')	(0-2')	(0-2')	(0-2')	(0-2')	(0-2')	(0.5-2.5')	(6-7')	(0-2')						
			AKRF Phase II	AKRF Phase II	EBC RI	EBC RI	EBC RI	EBC RI	EBC RI	AKRF Phase II	AKRF Phase II	EBC RI						
11/7/2008	11/7/2008	4/4/2014	4/4/2014	4/4/2014	4/16/2014	4/4/2014	11/4/2008	11/4/2008	4/16/2014									
µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg									
Results	Results	Results	RL	Results	RL	Results	RL	Results	RL	Results	Results	Results	RL					
PCB-1016	100	1,000	5.3 U	6.1 U	< 39	39	< 40	40	< 36	36	< 38	38	< 38	38	5.1 U	5.2 U	< 38	38
PCB-1221	100	1,000	1.3 U	1.4 U	< 39	39	< 40	40	< 36	36	< 38	38	< 38	38	1.2 U	1.2 U	< 38	38
PCB-1232	100	1,000	5.3 U	6.1 U	< 39	39	< 40	40	< 36	36	< 38	38	< 38	38	5.1 U	5.2 U	< 38	38
PCB-1242	100	1,000	5.3 U	6.1 U	< 39	39	< 40	40	< 36	36	< 38	38	< 38	38	5.1 U	5.2 U	< 38	38
PCB-1248	100	1,000	5.3 U	6.1 U	< 39	39	< 40	40	< 36	36	< 38	38	< 38	38	5.1 U	5.2 U	< 38	38
PCB-1254	100	1,000	32	2.0 U	< 39	39	< 40	40	< 36	36	< 38	38	< 38	38	1.7 U	1.7 U	< 38	38
PCB-1260	100	1,000	-	-	< 39	39	< 40	40	< 36	36	< 38	38	60	38	-	-	< 38	38
PCB-1262	100	1,000	-	-	< 39	39	< 40	40	< 36	36	< 38	38	< 38	38	-	-	< 38	38
PCB-1268	100	1,000	16 J	4.5 U	< 39	39	< 40	40	< 36	36	< 38	38	< 38	38	3.8 U	3.9 U	< 38	38
4,4-DDD	3.3	13,000	0.69 U	0.78 U	< 2.8	2.8	< 14	14	< 2.6	2.6	< 2.8	2.8	< 27	27	0.94 J	0.67 U	< 2.7	2.7
4,4-DDE	3.3	8,900	0.78 U	0.88 U	3	2.8	< 14	14	< 2.6	2.6	< 2.8	2.8	< 27	27	0.75 U	0.75 U	< 2.7	2.7
4,4-DDT	3.3	7,900	6.9	1.1 U	< 2.8	2.8	< 14	14	< 2.6	2.6	< 2.8	2.8	< 27	27	0.91 U	0.91 U	< 2.7	2.7
a-BHC	20	480	0.28 U	0.32 U	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	0.27 U	0.27 U	< 1.9	1.9
a-Chlordane			0.32 U	0.36 U	6.3	3.9	< 20	20	< 3.6	3.6	< 3.8	3.8	< 38	38	0.31 U	0.31 U	< 3.8	3.8
Aldrin	5	97	0.21 U	0.24 U	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	0.20 U	0.20 U	< 1.9	1.9
b-BHC	36	360	0.43 U	1.3 J	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	0.42 U	0.42 U	< 1.9	1.9
Chlordane			-	-	35	23	< 120	120	< 22	22	< 23	23	< 230	230	-	-	< 22	22
d-BHC	40	100,000	0.42 U	0.48 U	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	0.41 U	0.41 U	< 1.9	1.9
Dieldrin	5	200	0.66 U	0.75 U	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	0.64 U	0.64 U	< 1.9	1.9
Endosulfan I	2,400	24,000	0.34 U	0.38 U	< 3.9	3.9	< 20	20	< 3.6	3.6	< 3.8	3.8	< 38	38	0.33 U	0.33 U	< 3.8	3.8
Endosulfan II	2,400	24,000	0.72 U	0.82 U	< 3.9	3.9	< 20	20	< 3.6	3.6	< 3.8	3.8	< 38	38	0.70 U	0.70 U	< 3.8	3.8
Endosulfan Sulfate	2,400	24,000	0.69 U	4.5	< 3.9	3.9	< 20	20	< 3.6	3.6	< 3.8	3.8	< 38	38	0.66 U	0.67 U	< 3.8	3.8
Endrin	14	11,000	0.71 U	1.7 J	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	1.4 J	0.83 J	< 1.9	1.9
Endrin aldehyde			4.7	0.53 U	< 3.9	3.9	< 20	20	< 3.6	3.6	< 3.8	3.8	< 38	38	3.3 J	2.1 J	< 3.8	3.8
Endrin ketone			0.70 U	5.7	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	0.68 U	0.68 U	< 1.9	1.9
gamma-BHC	100	280	0.33 U	0.38 U	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	0.32 U	0.32 U	< 1.9	1.9
g-Chlordane			1.4 J	4.2	5.9	3.9	< 20	20	< 3.6	3.6	< 3.8	3.8	< 38	38	0.59 U	0.73 J	< 3.8	3.8
Heptachlor	42	2,100	0.37 U	0.42 U	< 2.0	2	< 9.9	9.9	< 3.6	3.6	< 1.9	1.9	< 19	19	0.36 U	0.36 U	< 1.9	1.9
Heptachlor epoxide			0.35 U	0.40 U	< 2.0	2	< 9.9	9.9	< 1.8	1.8	< 1.9	1.9	< 19	19	0.34 U	0.34 U	< 1.9	1.9
Methoxychlor			4.2 U	4.8 U	< 12	12	< 40	40	< 14	14	< 7.7	7.7	< 76	76	4.1 U	4.1 U	< 7.5	7.5
Toxaphene			13 U	15 U	< 200	200	< 990	990	< 180	180	< 190	190	< 1900	1,900	13 U	13 U	< 190	190

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Not-detected

NA - Compound was not analyzed

J - The value is estimated. This flag is used: a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.

S - This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

N - The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
Site B
Former Domino Sugar Site
Brooklyn, New York
Soil Analytical Results
Metals

		Previous Reports									
		Performed within Site B						Performed within Waterfront Park			
COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B-6			B-14	SB-3		SB-4		B-16
			(0-4')	(4-8')	(16-20')	(0-4')	(4-6')	(10-12')	(0.5-2.5')	(6-7')	(4-6')
			NOVA Phase III	NOVA Phase III	NOVA Phase III	NOVA Phase III	AKRF Phase II	AKRF Phase II	AKRF Phase II	AKRF Phase II	NOVA Phase III
			6/23/2004 mg/Kg Results	6/23/2004 mg/Kg Results	6/23/2004 mg/Kg Results	6/24/2004 mg/Kg Results	11/7/2008 mg/Kg Results	11/7/2008 mg/Kg Results	11/7/2008 mg/Kg Results	11/7/2008 mg/Kg Results	6/24/2004 mg/Kg Results
Aluminum							3,390	9,020	7,040	6,670	
Antimony							1.5 J	8.0 J	8.1 U	14.0	
Arsenic	13	16	2.9	1.3	BDL	2.5	27.8	18.6	9.1	2.7 J	5
Barium	350	400	55	37	15	39	109	520	142	35.2	64
Beryllium	7.2	72					0.35 J	0.47 J	0.37 J	0.32 J	
Cadmium	2.5 c	4.3	1.1	1	BDL	0.58	0.61 U	0.71 U	0.49 U	0.61 U	0.88
Calcium							20,600	59,200	20,200	3,620	
Chromium	30 c	180 - trivalent	15	20	6.3	6.9	8.2	38.8	16.9	16.9	15
Cobalt							4.1	8.7	6.6	6	
Copper	50	270					64.5	1,060	73.6	20.3	
Iron							14,200	43,600	19,100	18,500	
Lead	63 c	400	74	5.6	1.8	190	470	17,900	1,550	67.9	170
Magnesium							5,490	8,400	2,660	3,340	
Manganese	1600 c	2,000					295	725	344	288	
Mercury	0.18 c	0.81	0.13	0.0097	BDL	0.23	0.28	0.12	0.26	0.091	0.4
Nickel	30	310					20.6	20.4	13.3	12	
Potassium							764	3,790	1,500	1,290	
Selenium	3.9c	180	BDL	BDL	BDL	BDL	2.6 J	1.2 U	1.1 J	1.1 U	0.51
Silver	2	180	BDL	BDL	BDL	BDL	0.33 U	1.2 J	0.26 U	0.33 U	BDL
Sodium							221 J	5000	2110	1430	
Thallium							3.6 U	4.8 J	2.9 U	3.6 U	
Vanadium							21.1	31	26.9	26.9	
Zinc	109 c	10,000					68.5	1,430	120	44.4	

		2014 Remedial Investigation																								
		Performed within Site B												Performed within Park												
COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6													
			(0-2') EBC RI	(7-9') EBC RI	(0-2') EBC RI	(7-9') EBC RI	(0-2') EBC RI	(9-11') EBC RI	(0-2') EBC RI	(14-16') EBC RI	(0-2') EBC RI	(7-9') EBC RI	(0-2') EBC RI	(17-19') EBC RI												
			4/4/2014 mg/Kg	4/16/2014 mg/Kg	4/16/2014 mg/Kg	4/4/2014 mg/Kg	4/4/2014 mg/Kg	4/16/2014 mg/Kg	4/16/2014 mg/Kg																	
			Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL										
Aluminum			7,240	37	4,790	40	11,000	37	10,700	41	6,120	36	8,930	36	10,900	37	8,690	49	4,840	37	10,300	39	10,400	39	9,300	46
Antimony			<1.6	1.8	2.7	2	2.1	1.8	<2.0	2	<1.8	1.6	<1.8	1.6	2.5	1.6	<2.4	2.4	5.3	1.9	<2.0	2	<1.9	1.9	<2.3	2.3
Arsenic	13	16	4.4	0.7	24.2	0.8	19.6	0.7	6.1	0.8	20.1	0.7	9	0.7	30.3	0.7	4.8	1	51.6	0.7	2.3	0.8	3.4	0.8	1.9	0.9
Barium	350	400	65.9	0.7	63.9	0.8	98.3	0.7	95.3	0.8	64.6	0.7	78.6	0.7	99.6	0.7	90.5	1	140	0.7	57	0.8	59.8	0.8	105	0.9
Beryllium	7.2	72	0.5	0.29	0.35	0.32	0.6	0.29	0.59	0.33	0.6	0.29	0.56	0.29	0.67	0.29	0.41	0.39	0.5	0.3	0.48	0.32	0.46	0.31	<0.37	0.37
Cadmium	2.5 c	4.3	0.91	0.37	1.71	0.4	1.08	0.37	0.5	0.41	0.55	0.36	0.45	0.36	1.37	0.37	0.74	0.49	1.12	0.37	0.46	0.39	0.49	0.39	<0.46	0.46
Calcium			85,200	37	44,500	40	34,600	37	6,810	4.1	17,200	36	2,830	3.6	17,500	37	15,600	49	50,300	37	1,320	3.9	16,900	39	1,870	4.6
Chromium	30 c	180 - trivalent	21.2	0.37	12.6	0.4	23.6	0.37	26.2	0.41	24.6	0.36	24.6	0.36	20.5	0.37	21	0.49	22.1	0.37	24	0.39	19.7	0.39	18.9	0.46
Cobalt			4.89	0.37	4.3	0.4	11.2	0.37	7.36	0.41	4.59	0.36	10.3	0.36	7.69	0.37	8.85	0.49	4.01	0.37	7.71	0.39	7.43	0.39	9.79	0.46
Copper	50	270	46.2	0.37	123	0.4	98.6	0.37	52.2	0.41	131	0.36	40.8	0.36	159	0.37	106	0.49	787	0.37	30.3	0.39	30.1	0.39	44.6	0.46
Iron			47,100	37	87,300	40	45,600	37	39,700	41	19,500	36	32,900	36	38,200	37	36,300	49	24,800	37	38,200	39	22,800	39	22,500	46
Lead	63 c	400	159	7.3	132	0.8	213	7.3	389	8.1	185	7.2	52.6	7.3	332	7.4	114	1	586	7.5	22.3	0.8	42.9	0.8	55.3	0.9
Magnesium			16,900	37	1,530	4	7,030	37	2,380	4.1	2,890	3.6	2,630	3.6	4,200	3.7	2,880	4.9	2,330	3.7	2,480	3.9	7,110	39	3,640	4.6
Manganese	1600 c	2,000	331	0.37	134	4	868	3.7	550	4.1	198	3.6	329	3.6	450	3.7	336	4.9	118	0.37	330	3.9	638	3.9	239	4.6
Mercury	0.18 c	0.81	<0.08	0.08	<0.10	0.1	0.63	0.08	0.55	0.08	0.3	0.07	0.09	0.08	0.37	0.07	<0.10	0.1	0.5	0.06	<0.09	0.09	<0.09	0.09	<0.09	0.09
Nickel	30	310	15.5	0.37	12.1	0.4	31.1	0.37	17.8	0.41	14.9	0.36	15.9	0.36	21.3	0.37	23.2	0.49	51.2	0.37	21.2	0.39	14	0.39	20.6	0.46
Potassium			3,060	7	1,560	80	2,270	7	1,810	8	954	7	2,750	7	1,250	7	1,680	10	889	7	1,410	8	1,550	8	3,810	9
Selenium	3.9c	180	<1.5	1.5	<1.6	1.6	<1.5	1.5	<1.6	1.6	<1.4	1.4	<1.5	1.5	<1.5	1.5	<2.0	2	<1.5	1.5	<1.6	1.6	<1.6	1.6	<1.9	1.9
Silver	2	180	<0.37	0.37	<0.40	0.4	<0.37	0.37	<0.41	0.41	<0.36	0.36	<0.36	0.36	<0.37	0.37	<0.49	0.49	<0.37	0.37	<0.39	0.39	<0.39	0.39	<0.46	0.46
Sodium			808	7	2,030	8	557	7	236	8	168	7	97	7	272	7	215	10	274	7	84	8	850	8	929	9
Thallium			<1.5	1.5	<1.6	1.6	<1.5	1.5	<1.6	1.6	<1.4	1.4	<1.5	1.5	<1.5	1.5	<2.0	2	<1.5	1.5	<1.6	1.6	<1.6	1.6	<1.9	1.9
Vanadium			25.6	0.4	21.1	0.4	35.1	0.4	40.7	0.4	28.6	0.4	41.3	0.4	39.1	0.4	27	0.5	35.5	0.4	37	0.4	32.3	0.4	28.1	0.5
Zinc	109 c	10,000	132	0.7	115	0.8	285	7.3	86.9	0.8	113	0.7	56.2	0.7	202	7.4	127	1	194	7.5	101	0.8	61.1	0.8	100	0.9

Notes:
 * - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
 ND - Not detected
 Dash - Not analyzed
 J - The value is estimated. This flag is used: a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
 S - This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
 N - The concentration is based on the response for the nearest internal. This flag is used on the TIC form for all compounds identified.
 U - The compound was analyzed for but not detected at or above the MDL.
 Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
 Bold/highlighted- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 6
 Site B
 Former Domino Sugar Site
 Brooklyn, New York
 Groundwater Analytical Results
 Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	Previous Investigations		2014 EBC Remedial Investigation							
		Performed within Site B								Performed in Park	
		W-1	W-4	B-MW2	B-MW3	TANK AREA MW2		B-MW1			
		NOVA Phase III 6/23/2004	AKRF Phase II 11/7/2008	EBC RI 4/17/2014	EBC RI 4/17/2014	EBC RI 4/17/2014		EBC RI 4/17/2014			
		µg/L	µg/L	µg/L		µg/L		µg/L			
Results	Results	Result	RL	Result	RL	Result	RL	Result	RL		
1,1,1,2-Tetrachloroethane	5	-	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,1-Trichloroethane	5	BDL	0.69 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,1,2,2-Tetrachloroethane	5	BDL	0.81 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,2-Trichloroethane	1	BDL	0.65 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloroethane	5	BDL	1.0 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,1-Dichloroethene	5	BDL	0.83 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloropropene	-	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichlorobenzene	-	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichloropropane	0.04	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trichlorobenzene	-	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trimethylbenzene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromo-3-chloropropane	0.04	-	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromoethane	-	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichlorobenzene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichloroethane	0.6	BDL	0.72 U	< 2.0	2	< 2.0	2	< 2.0	2	< 2.0	2
1,2-Dichloropropane	0.94	BDL	0.71 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3,5-Trimethylbenzene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichlorobenzene	5	BDL	-	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,3-Dichloropropane	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,4-Dichlorobenzene	5	BDL	-	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
2,2-Dichloropropane	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Chlorotoluene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Hexanone (Methyl Butyl Ketone)	-	BDL	1.1 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Isopropyltoluene	5	-	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Chlorotoluene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Methyl-2-Pentanone	-	BDL	0.38 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Acetone	-	BDL	1.0 U	46	25	< 5.0	5	< 5.0	5	14	5
Acrolein	-	-	-	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Acrylonitrile	5	-	-	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Benzene	1	BDL	0.74 U	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7
Bromobenzene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromochloromethane	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromodichloromethane	-	BDL	0.48 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromoform	-	BDL	0.46 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bromomethane	5	BDL	2.1 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Carbon Disulfide	60	NA	0.90 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Carbon tetrachloride	5	BDL	1.1 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Chlorobenzene	5	BDL	0.72 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloroethane	5	BDL	1.1 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloroform	7	BDL	0.67 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloromethane	60	BDL	1.1 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
cis-1,2-Dichloroethene	5	BDL	0.99 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
cis-1,3-Dichloropropene	-	BDL	0.28 U	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
Dibromochloromethane	-	BDL	0.55 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dibromomethane	5	BDL	NA	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dichlorodifluoromethane	5	BDL	NA	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Ethylbenzene	5	BDL	0.87 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Hexachlorobutadiene	0.5	BDL	NA	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Isopropylbenzene	5	BDL	NA	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
m&p-Xylenes	5	BDL	NA	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methyl Ethyl Ketone (2-Butanone)	-	BDL	1.1 U	4.4	1	< 1.0	1	< 1.0	1	5.6	1
Methyl t-butyl ether (MTBE)	10	-	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methylene chloride	5	BDL	0.78 U	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3
Naphthalene	10	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	3	1
n-Butylbenzene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
n-Propylbenzene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
o-Xylene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
p-Isopropyltoluene	-	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	1	1
sec-Butylbenzene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Styrene	5	BDL	0.64 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
tert-ButylMethylEther	5	BDL	0.81 U	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Tetrachloroethane	5	BDL	0.81 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Tetrahydrofuran (THF)	-	-	-	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Toluene	5	BDL	0.72 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
trans-1,2-Dichloroethene	5	BDL	0.76 U	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
trans-1,3-Dichloropropene	0.4	BDL	0.57 U	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
trans-1,4-dichloro-2-butene	5	-	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichloroethene	5	2	0.62 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichlorofluoromethane	5	BDL	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichlorotrifluoroethane	-	-	-	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Vinyl Chloride	2	BDL	0.99 U	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1

Notes:
 BDL -Below detection limit
 Dash - Not Analyzed
 ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
Site B
Former Domino Sugar Site
Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	Previous Investigations		2014 EBC Remedial Investigation							
		Performed within Site B								Performed in Park	
		W-1	W-4	B-MW2		B-MW3		TANK AREA MW2		B-MW1	
		NOVA Phase III 6/23/2004 µg/L	AKRF Phase II 11/7/2008 µg/L	EBC RI 4/17/2014 µg/L		EBC RI 4/17/2014 µg/L		EBC RI 4/17/2014 µg/L		EBC RI 4/17/2014 µg/L	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene		-	-	< 1.8	1.8	< 1.6	1.6	< 1.5	1.5	< 20	20
1,2,4-Trichlorobenzene		BDL	0.72 U	< 0.12	0.12	< 0.11	0.11	< 0.10	0.1	< 20	20
1,2-Dichlorobenzene		BDL	0.53 U	0.12	0.02	0.04	0.02	0.06	0.02	< 20	20
1,2-Diphenylhydrazine		-	-	0.06	0.02	< 0.02	0.02	0.05	0.02	< 20	20
1,3-Dichlorobenzene		BDL	0.48 U	0.08	0.02	0.03	0.02	0.06	0.02	< 20	20
1,4-Dichlorobenzene		BDL	0.57 U	0.04	0.02	< 0.02	0.02	0.03	0.02	< 20	20
2,2'-Oxybis (1-chloropropane)	5	NA	0.79 U	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	3	BDL	0.60 U	0.04	0.02	< 0.02	0.02	0.03	0.02	< 20	20
2,4,6-Trichlorophenol	3	BDL	0.54 U	< 1.9	1.9	< 1.7	1.7	< 1.6	1.6	< 20	20
2,4-Dichlorophenol		BDL	0.61 U	0.11	0.02	0.03	0.02	0.05	0.02	< 20	20
2,4-Dimethylphenol		BDL	0.56 U	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 20	20
2,4-Dinitrophenol		BDL	1.2 U	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 100	100
2,4-Dinitrotoluene	5	BDL	0.33 U	< 0.5	0.5	< 0.5	0.5	< 0.5	0.5	< 20	20
2,6-Dinitrotoluene	5	BDL	0.47 U	< 2.8	2.8	< 2.6	2.6	< 2.4	2.4	< 20	20
2-Chloronaphthalene	10	BDL	0.54 U	0.04	0.02	< 0.02	0.02	0.02	0.02	< 20	20
2-Chlorophenol		BDL	0.68 U	< 0.04	0.04	< 0.03	0.03	< 0.03	0.03	< 20	20
2-Methylnaphthalene		BDL	0.52 U	< 0.12	0.12	< 0.11	0.11	< 0.10	0.1	< 20	20
2-Methylphenol (o-cresol)		BDL	0.67 U	< 0.94	0.94	< 0.87	0.87	< 0.80	0.8	< 20	20
2-Nitroaniline	5	BDL	0.59 U	12	0.12	< 0.11	0.11	< 0.10	0.1	< 100	100
2-Nitrophenol		BDL	0.57 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
3&4-Methylphenol (m&p-cresol)		BDL	0.43 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
3,3'-Dichlorobenzidine	5	BDL	0.73 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 40	40
3-Nitroaniline	5	BDL	0.41 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 100	100
4,6-Dinitro-2-methylphenol		BDL	0.41 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 100	100
4-Bromophenyl phenyl ether		BDL	0.54 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
4-Chloro-3-methylphenol		BDL	1.5 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 40	40
4-Chloroaniline	5	BDL	0.74 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 40	40
4-Chlorophenyl phenyl ether		BDL	0.54 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
4-Nitroaniline	5	BDL	0.31 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 100	100
4-Nitrophenol		BDL	0.42 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 100	100
Acenaphthene	20	BDL	0.42 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	8.7	20
Acenaphthylene		BDL	0.52 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Acetophenone		-	-	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
Aniline		-	-	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 100	100
Anthracene	50	BDL	0.47 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	5.4	20
Benzo(a)anthracene	0.002	BDL	0.41 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	6.4	20
Benzidine	5	-	-	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 40	40
Benzo(a)pyrene		BDL	0.41 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	3.6	20
Benzo(b)fluoranthene	0.002	BDL	0.42 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Benzo(g,h,i)perylene		BDL	0.32 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Benzo(k)fluoranthene	0.002	BDL	0.48 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
Benzoic Acid		BDL	0.43 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 100	100
Benzyl Butyl phthalate		BDL	0.53 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
Bis(2-chloroethoxy)methane	5	BDL	1.3 U	< 4.1	4.1	< 3.8	3.8	< 3.5	3.5	< 20	20
Bis(2-chloroethyl)ether	1	BDL	1.2 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Bis(2-chloroisopropyl)ether		-	-	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Bis(2-ethylhexyl)phthalate	5	2.4	0.56 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
Carbazole		BDL	0.39 U	9.5	5.9	< 5.4	5.4	< 5.0	5	< 100	100
Chrysene	0.002	BDL	0.44 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	4.1	20
Dibenzo(a,h)anthracene		BDL	0.36 U	< 4.1	4.1	< 3.8	3.8	< 3.5	3.5	< 20	20
Dibenzofuran		BDL	0.43 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Diethylphthalate	50	BDL	0.47 U	< 5.3	5.3	< 4.9	4.9	< 4.5	4.5	< 20	20
Dimethylphthalate	50	BDL	0.37 U	< 29	29	< 27	27	< 25	25	< 20	20
Di-n-butylphthalate	50	1.1	0.54 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Di-n-octylphthalate	50	BDL	0.50 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Fluoranthene	50	BDL	0.47 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	9.5	20
Fluorene	50	BDL	0.53 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Hexachlorobenzene	0.04	BDL	0.53 U	< 29	29	< 27	27	< 25	25	< 20	20
Hexachlorobutadiene	0.5	BDL	0.96 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Hexachlorocyclopentadiene	5	BDL	0.83 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Hexachloroethane	5	BDL	0.58 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Indeno(1,2,3-cd)pyrene	0.002	BDL	0.46 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Isophorone		BDL	0.42 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Naphthalene		BDL	0.47 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	3.2	20
Nitrobenzene	0.4	BDL	0.81 U	2.5	5.9	< 5.4	5.4	< 5.0	5	< 20	20
N-Nitrosodimethylamine		-	-	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
N-Nitrosodi-n-propylamine		BDL	0.46 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
N-Nitrosodiphenylamine	50	BDL	0.39 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Pentachloronitrobenzene		-	-	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
Pentachlorophenol		BDL	1.3 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	< 20	20
Phenanthrene	50	BDL	0.43 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	9.8	20
Phenol		BDL	0.32 U	< 1.2	1.2	< 1.1	1.1	< 1.0	1	< 20	20
Pyrene	50	BDL	0.47 U	< 5.9	5.9	< 5.4	5.4	< 5.0	5	18	20
Pyridine		-	-	< 12	12	< 11	11	< 10	10	< 20	20

Notes:

Dash - Not Analyzed

ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
Site B
Former Domino Sugar Site
Brooklyn, New York
Groundwater Analytical Results
Pesticides / PCBs

COMPOUND	NYSDEC Groundwater Quality Standards	Previous Inv	2014 EBC RI				
		Performed within Site B					
		W-4	B-MW2		TANK AREA MW2		
		AKRF Phase II 11/7/2008 µg/L	EBC RI 4/17/2014 µg/L		EBC RI 4/17/2014 µg/L		
Results	Result	RL	Result	RL	Result	RL	
PCB-1016	0.09	0.082 U	< 0.073	0.07	< 0.076	0.08	
PCB-1221	0.09	0.35 U	< 0.073	0.07	< 0.076	0.08	
PCB-1232	0.09	0.082 U	< 0.073	0.07	< 0.076	0.08	
PCB-1242	0.09	0.082 U	< 0.073	0.07	< 0.076	0.08	
PCB-1248	0.09	0.082 U	< 0.073	0.07	< 0.076	0.08	
PCB-1254	0.09	0.049 U	< 0.073	0.07	< 0.076	0.08	
PCB-1260	0.09	0.052 U	< 0.073	0.07	< 0.076	0.08	
PCB-1262	0.09	-	< 0.073	0.07	< 0.076	0.08	
PCB-1268	0.09	-	< 0.073	0.07	< 0.076	0.08	
4,4-DDD	0.3	0.012 U	< 0.020	0.02	< 0.010	0.01	
4,4-DDE	0.2	0.010 U	< 0.020	0.02	< 0.010	0.01	
4,4-DDT	0.11	0.015 U	< 0.020	0.02	< 0.010	0.01	
a-BHC	0.94	-	< 0.010	0.01	< 0.005	0.01	
a-Chlordane	1.94	0.0087 U	< 0.020	0.02	< 0.010	0.01	
Alachlor		0.0053 U	< 0.15	0.15	< 0.079	0.08	
Aldrin		0.0090 U	< 0.003	0	< 0.002	0	
b-BHC	0.04	0.0082 U	< 0.010	0.01	< 0.005	0.01	
Chlordane	0.05	-	< 0.20	0.2	< 0.10	0.1	
d-BHC	0.04	0.0063 U	< 0.010	0.01	< 0.005	0.01	
Dieldrin	0.004	0.011 U	< 0.003	0	< 0.002	0	
Endosulfan I		0.0051 U	< 0.020	0.02	< 0.010	0.01	
Endosulfan II		0.011 U	< 0.020	0.02	< 0.010	0.01	
Endosulfan Sulfate		0.015 U	< 0.020	0.02	< 0.010	0.01	
Endrin		0.015 U	< 0.020	0.02	< 0.010	0.01	
Endrin aldehyde	5	0.010 U	< 0.020	0.02	< 0.010	0.01	
Endrin ketone		0.012 U	< 0.020	0.02	< 0.010	0.01	
gamma-BHC	0.05	0.0058 U	< 0.010	0.01	< 0.005	0.01	
g-Chlordane		0.0053 U	< 0.020	0.02	< 0.010	0.01	
Heptachlor	0.04	0.0082 U	< 0.020	0.02	< 0.010	0.01	
Heptachlor epoxide	0.03	0.0064 U	< 0.020	0.02	< 0.010	0.01	
Methoxychlor	35	0.10 U	< 0.20	0.2	< 0.10	0.1	
Toxaphene		0.24 U	< 0.50	0.5	< 0.26	0.26	

Notes:

ND - Non-detect

ND* - Due to matrix interference from non target compounds in the sample an elevated RL was reported.

TABLE 9
 Site B
 Former Domino Sugar Site
 Brooklyn, New York
 Groundwater Analytical Results
 Metals

COMPOUND	NYSDEC Groundwater Quality Standards µg/L	Performed within Site B
		W-4
		AKRF Phase II 11/7/2008 µg/L Results
Aluminum	NS	1,400
Antimony	3	8.8 U
Arsenic	25	4.4 U
Barium	1000	310
Beryllium	3	1.1 U
Cadmium	5	2.8 U
Calcium	NS	48,500
Chromium	50	5.9 J
Cobalt	NS	3.6 J
Copper	200	20
Iron	500	2,200
Lead	25	3.0 U
Magnesium	35000	8,300
Manganese	300	6,800
Mercury	0.7	0.090 U
Nickel	100	12
Potassium	NS	14,900
Selenium	10	5.1 J
Silver	50	1.3 U
Sodium	2000	417,000
Thallium	0.5	8.0 U
Vanadium	NS	11
Zinc	2000	14 J

Notes:

BRL - Below Reporting Limit

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 10
 Site B
 Former Domino Sugar Site
 Brooklyn, New York
 Groundwater Analytical Results
 Dissolved Metals

COMPOUND	NYSDEC Groundwater Quality Standards	Previous Inv	2014 EBC Remedial Investigation							
		Performed within Site B						Performed in Park		
		W-4	B-MW2		B-MW3		TANK AREA MW2		B-MW1	
		AKRF Phase II 11/7/2008 mg/L Results	EBC RI 4/17/2014 mg/L		EBC RI 4/17/2014 mg/L		EBC RI 4/17/2014 mg/L		EBC RI 4/17/2014 mg/L	
		Result	RL	Result	RL	Result	RL	Result	RL	
Aluminum	NS	0.047 U	0.13	0	0.14	0	0.17	0	1.43	0
Antimony	0.003	0.0088 U	< 0.003	0	< 0.003	0	< 0.003	0	< 0.003	0
Arsenic	0.025	0.0044 U	< 0.003	0	0.012	0	< 0.003	0	0.008	0
Barium	1	0.045	0.263	0	0.028	0	0.012	0	0.231	0
Beryllium	0.003	0.0011 U	< 0.001	0	< 0.001	0	< 0.001	0	< 0.001	0
Cadmium	0.005	0.0028 U	< 0.004	0	< 0.004	0	< 0.004	0	< 0.004	0
Calcium	NS	46.5	300	0.1	541	0.1	602	0.1	241	0.1
Chromium	0.05	0.0045 J	0.005	0	< 0.001	0	< 0.001	0	0.002	0
Cobalt	NS	0.0014 U	0.006	0	0.01	0	0.009	0	< 0.005	0
Copper	0.2	0.0014 U	0.071	0	< 0.005	0	< 0.005	0	0.018	0
Iron	0.5	0.062 U	0.58	0	0.04	0	0.74	0	1.03	0
Lead	0.025	0.003 U	0.26	0	< 0.002	0	< 0.002	0	0.009	0
Magnesium	35	7.6	0.03	0	45.8	0	32.7	0	192	0.1
Manganese	0.3	0.0023 U	< 0.005	0	9.48	0.1	1.84	0	2.36	0.1
Mercury	0.0007	0.00009 U	< 0.0002	0	< 0.0002	0	< 0.0002	0	< 0.0002	0
Nickel	0.1	0.0014 U	0.01	0	0.008	0	0.017	0	< 0.004	0
Potassium	NS	14.3	166	1.1	33.5	0.1	21.8	0.1	85.4	1.1
Selenium	0.01	0.0049 J	< 0.017	0	< 0.017	0	< 0.017	0	< 0.017	0
Silver	0.05	0.0013 U	< 0.005	0	< 0.005	0	< 0.005	0	< 0.005	0
Sodium	2	411	154	1.1	49.7	1.1	61.9	1.1	1,600	11
Thallium	0.0005	0.008 U	< 0.001	0	< 0.001	0	< 0.001	0	< 0.001	0
Vanadium	NS	0.0022 J	< 0.01	0	< 0.01	0	< 0.01	0	0.01	0
Zinc	2	0.007 U	< 0.011	0	< 0.011	0	0.035	0	0.035	0

Notes:

BRL - Below Reporting Limit

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 11
Domino Sugar Site B,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m ³) ^(a)	NYSDOH Soil Outdoor Background Levels (µg/m ³) ^(b)	2014 EBC Remedial Investigation							
			Performed within Site B							
			B-SG1 (µg/m ³)		B-SG2 (µg/m ³)		B-SG3 (µg/m ³)		B-SG4 (µg/m ³)	
Result	RL	Result	RL	Result	RL	Result	RL			
1,1,1,2-Tetrachloroethane			<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	4.42	1	<1.00	1	<1.00	1	<1.00	1
1,1,2,2-Tetrachloroethane		<1.5	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,1,2-Trichloroethane		<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,1-Dichloroethane		<1.0	<1.00	1	1.5	1	<1.00	1	<1.00	1
1,1-Dichloroethene		<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,2,4-Trichlorobenzene		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,2,4-Trimethylbenzene		<1.0	1.92	1	1.92	1	<1.00	1	1.92	1
1,2-Dibromoethane		<1.5	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,2-Dichlorobenzene		<2.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,2-Dichloroethane		<1.0	<1.00	1	<1.00	1	4.37	1	<1.00	1
1,2-Dichloropropane			<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,2-Dichlorotetrafluoroethane			<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,3,5-Trimethylbenzene		<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,3-Butadiene		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,3-Dichlorobenzene		<2.0	13.3	1	6.91	1	10.8	1	15.2	1
1,4-Dichlorobenzene		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
1,4-Dioxane			<1.00	1	<1.00	1	<1.00	1	<1.00	1
2-Hexanone			6.43	1	19	1	<1.00	1	7.7	1
4-Ethyltoluene		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
4-Isopropyltoluene			<1.00	1	<1.00	1	<1.00	1	<1.00	1
4-Methyl-2-pentanone			<1.00	1	<1.00	1	<1.00	1	<1.00	1
Acetone		NA	484	1	541	1	942	1	430	1
Acrylonitrile			<1.00	1	<1.00	1	<1.00	1	<1.00	1
Benzene		<1.6 - 4.7	<1.00	1	3.06	1	<1.00	1	<1.00	1
Benzyl Chloride		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Bromodichloromethane		<5.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Bromoform		<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Bromomethane		<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Carbon Disulfide		NA	1.34	1	14.3	1	3.02	1	3.61	1
Carbon Tetrachloride	5	<3.1	<0.25	0.25	0.503	0.25	<0.25	0.25	0.377	0.25
Chlorobenzene		<2.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Chloroethane		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Chloroform		<2.4	<1.00	1	2.73	1	<1.00	1	<1.00	1
Chloromethane		<1.0 - 1.4	<1.00	1	1.07	1	<1.00	1	<1.00	1
cis-1,2-Dichloroethene		<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
cis-1,3-Dichloropropene		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Cyclohexane		NA	<1.00	1	1.55	1	<1.00	1	<1.00	1
Dibromochloromethane		<5.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Dichlorodifluoromethane		NA	2.22	1	2.72	1	<1.00	1	2.22	1
Ethanol			64.4	1	50.8	1	70	1	46.5	1
Ethyl Acetate		NA	33.8	1	7.24	1	38.9	1	9.62	1
Ethylbenzene		<4.3	<1.00	1	1.43	1	1.04	1	<1.00	1
Heptane		NA	2.5	1	9.54	1	<1.00	1	1.52	1
Hexachlorobutadiene		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Hexane		<1.5	2.4	1	4.44	1	4.02	1	1.27	1
Isopropylalcohol		NA	105	1	101	1	127	1	54.8	1
Isopropylbenzene			<1.00	1	<1.00	1	<1.00	1	<1.00	1
Xylene (m&p)		<4.3	1.48	1	5.16	1	3.17	1	1.78	1
Methyl Ethyl Ketone			52.8	1	92.8	1	58.4	1	37.4	1
MTBE		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Methylene Chloride		<3.4	7.36	1	2.15	1	<1.00	1	1.35	1
n-Butylbenzene			<1.00	1	<1.00	1	<1.00	1	<1.00	1
Xylene (o)		<4.3	<1.00	1	2.34	1	<1.00	1	<1.00	1
Propylene		NA	10.3	1	26.1	1	165	1	12.2	1
sec-Butylbenzene			<1.00	1	<1.00	1	<1.00	1	<1.00	1
Styrene		<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Tetrachloroethene	100	NA	0.678	0.25	0.474	0.25	<0.25	0.25	0.474	0.25
Tetrahydrofuran			<1.00	1	1.59	1	<1.00	1	<1.00	1
Toluene		1.0 - 6.1	1.51	1	6.82	1	<1.00	1	1.77	1
trans-1,2-Dichloroethene		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
trans-1,3-Dichloropropene		NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Trichloroethene	5	<1.7	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25
Trichlorofluoromethane		NA	6.51	1	62.9	1	<1.00	1	43.7	1
Trichlorotrifluoroethane			<1.00	1	<1.00	1	<1.00	1	<1.00	1
Vinyl Chloride		<1.0	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25
BTEX			2.99		18.81		4.21		3.55	

Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

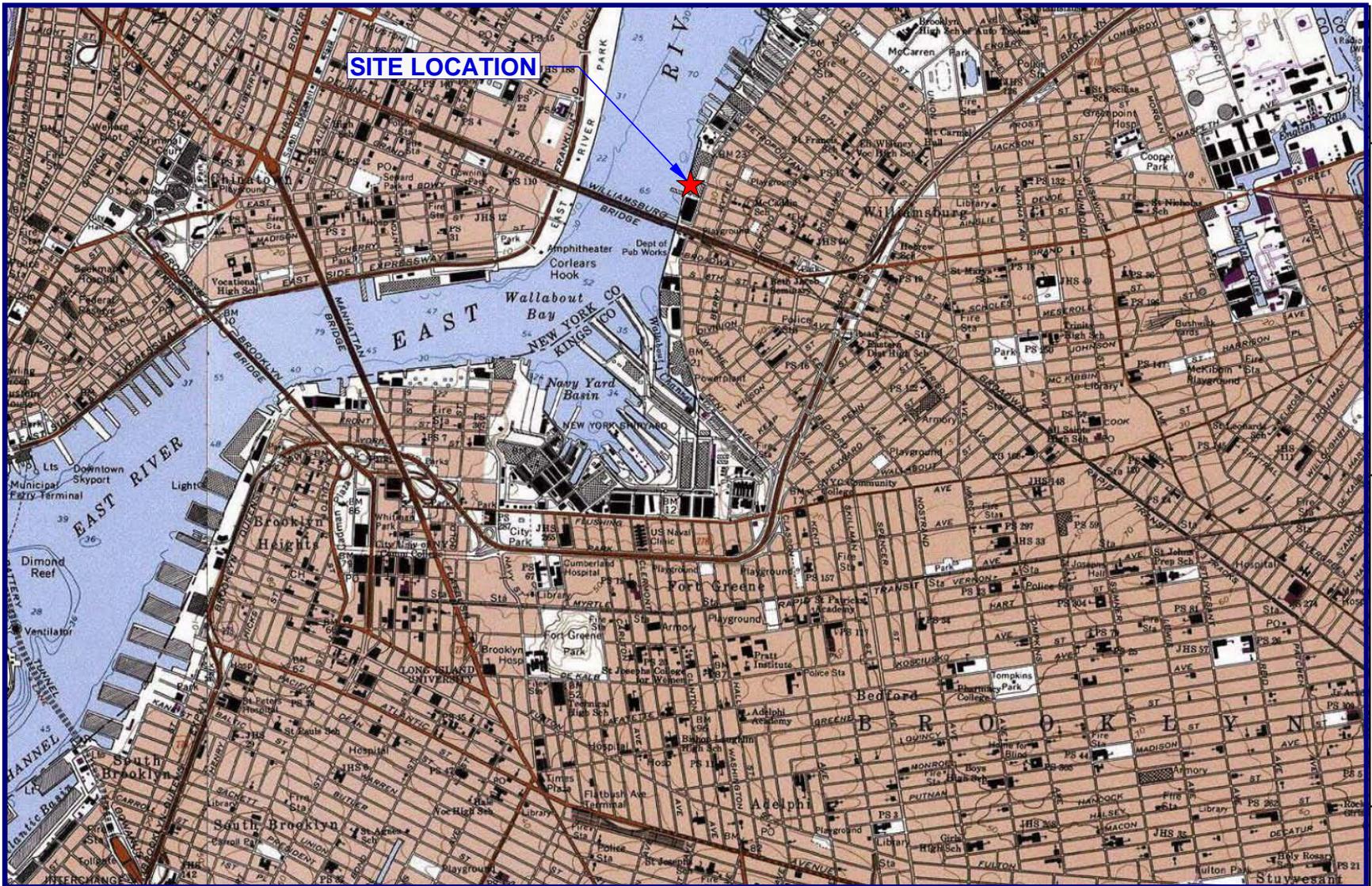
Value detected above NYSDOH Air Guidance Value of 5 µg/m³, which according to Soil Vapor/Indoor Air Matrix 1 would require at a minimum, mitigation.

Value detected above NYSDOH Air Guidance Value of 100 µg/m³, which according to Soil Vapor/Indoor Air Matrix 2 would require at a minimum, mitigation.

Table 12
Former Domino Sugar Facility
Site B
470 to 490 Kent Avenue, Brooklyn, NY
Well Survey Data

Well No.	Survey Reading	Casing Elevation	DTW 4/21/2014	DTP	PT	GW ELV 4/21/2014
MW1	-	-	6.54	-	-	-
MW2	7.56	92.44	11.20	-	-	81.24
MW3	4.46	95.54	13.78	-	-	81.76
Tank Area MW2	10.87	89.13	8.30	-	-	80.83

FIGURES



74°00.000' W

73°59.000' W

73°58.000' W

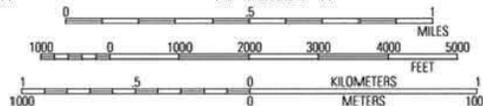
73°57.000' W

WGS84 73°56.000' W

40°43.000' N

40°42.000' N

40°41.000' N



USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
 1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

Phone 631.504.6000
 Fax 631.924.2780

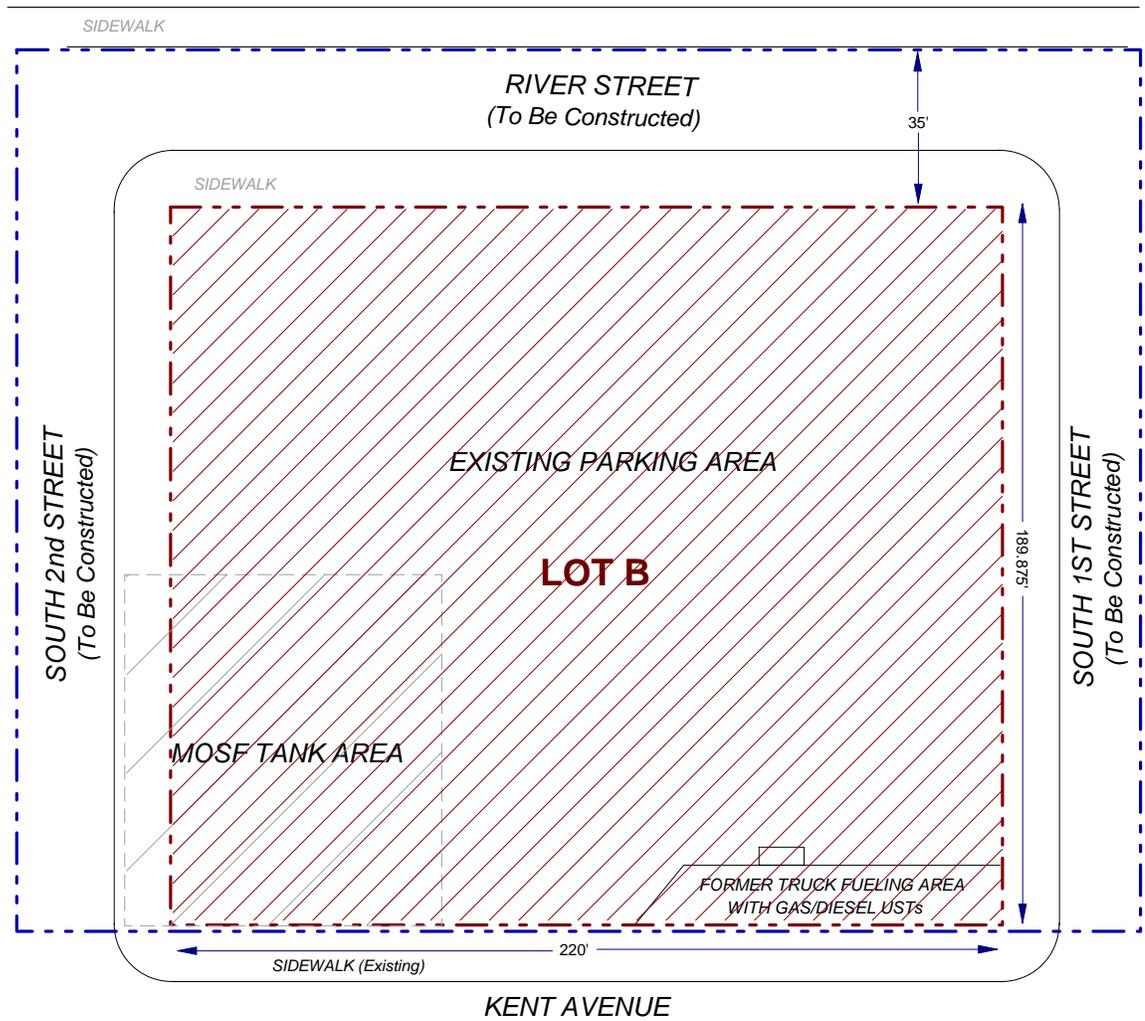
FORMER DOMINO SUGAR SITE
BROOKLYN, NY

FIGURE 1 SITE LOCATION MAP

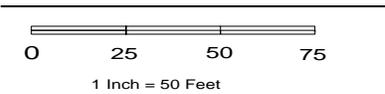
B

EAST RIVER

**Passive
Recreation Area**
(To Be Constructed)



SCALE



KEY:

- - - - - Boundary of Proposed Lot B
- . - . - Boundary of Site B



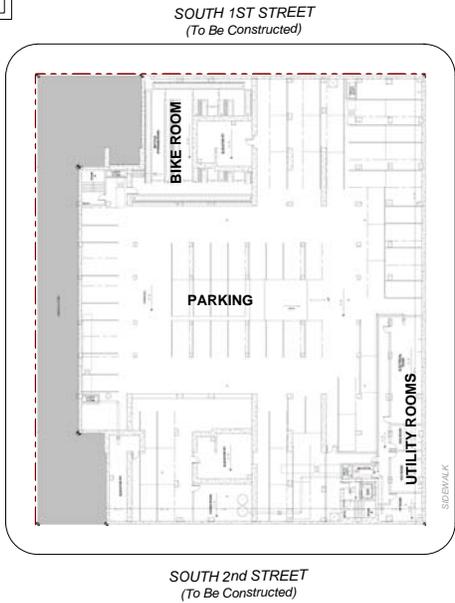
Phone 631.504.6000
Fax 631.924.2870

Figure No.
2

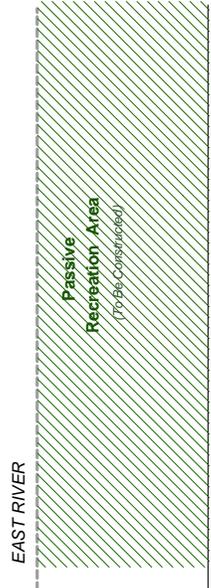
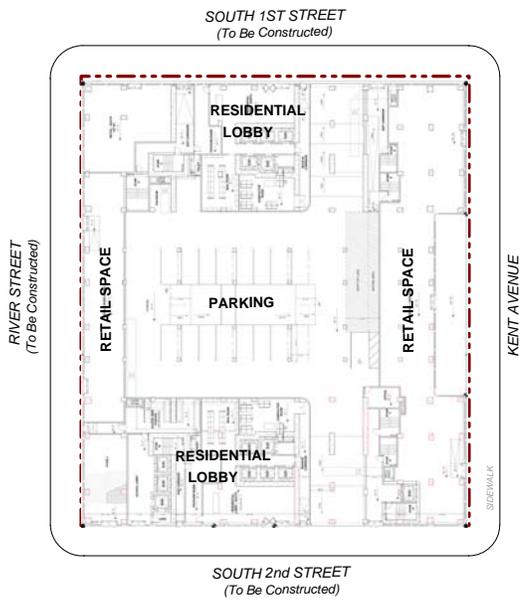
Site Name: Domino Sugar Site - Site B
Site Address: 270 to 290 Kent Avenue, Brooklyn, NY
Drawing Title: Site Boundary Map

B

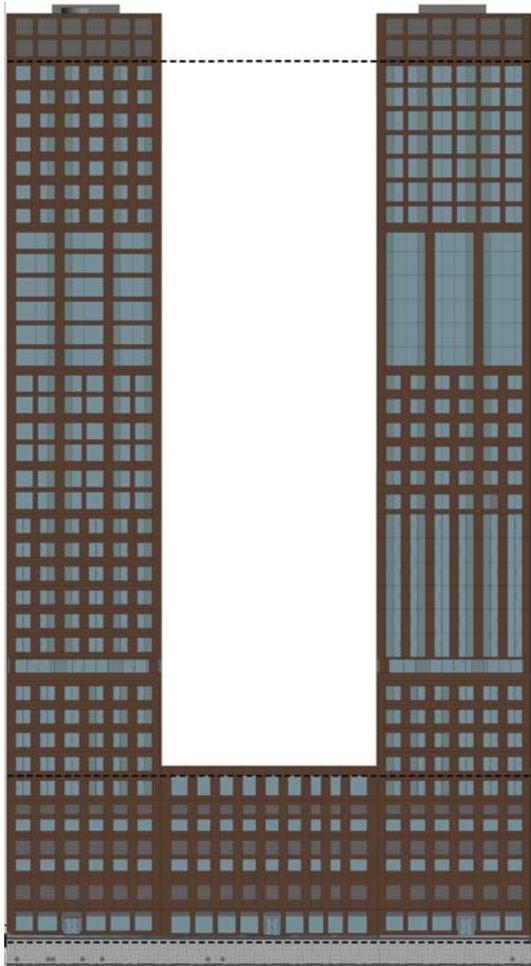
CELLAR PLAN



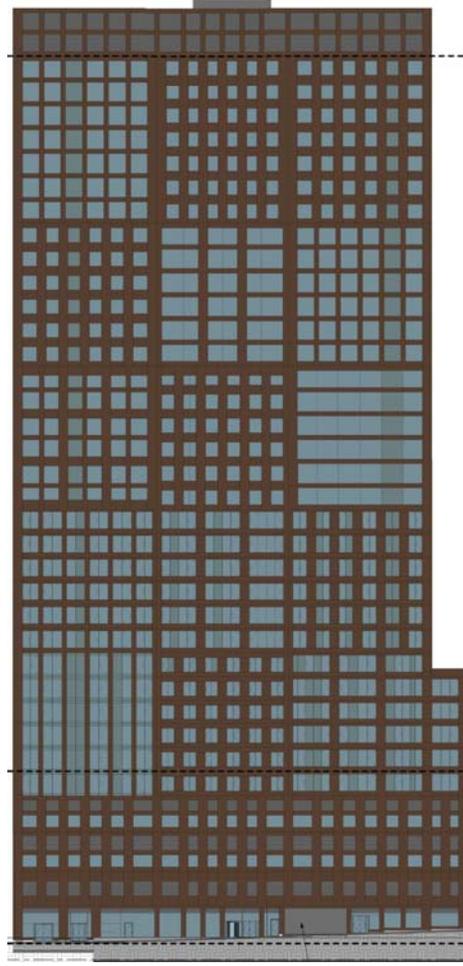
FIRST FLOOR PLAN



ELEVATION DRAWING - East



ELEVATION DRAWING - South



- UPPER FLOORS - Residential Apartments
- FOURTH - School - Classrooms/Cafeteria
- THIRD - School - Classrooms/Gynasium
- SECOND - Parking
- FIRST - Parking, Residential Lobbies and Retail Space
- CELLAR - Parking and Utility Rooms

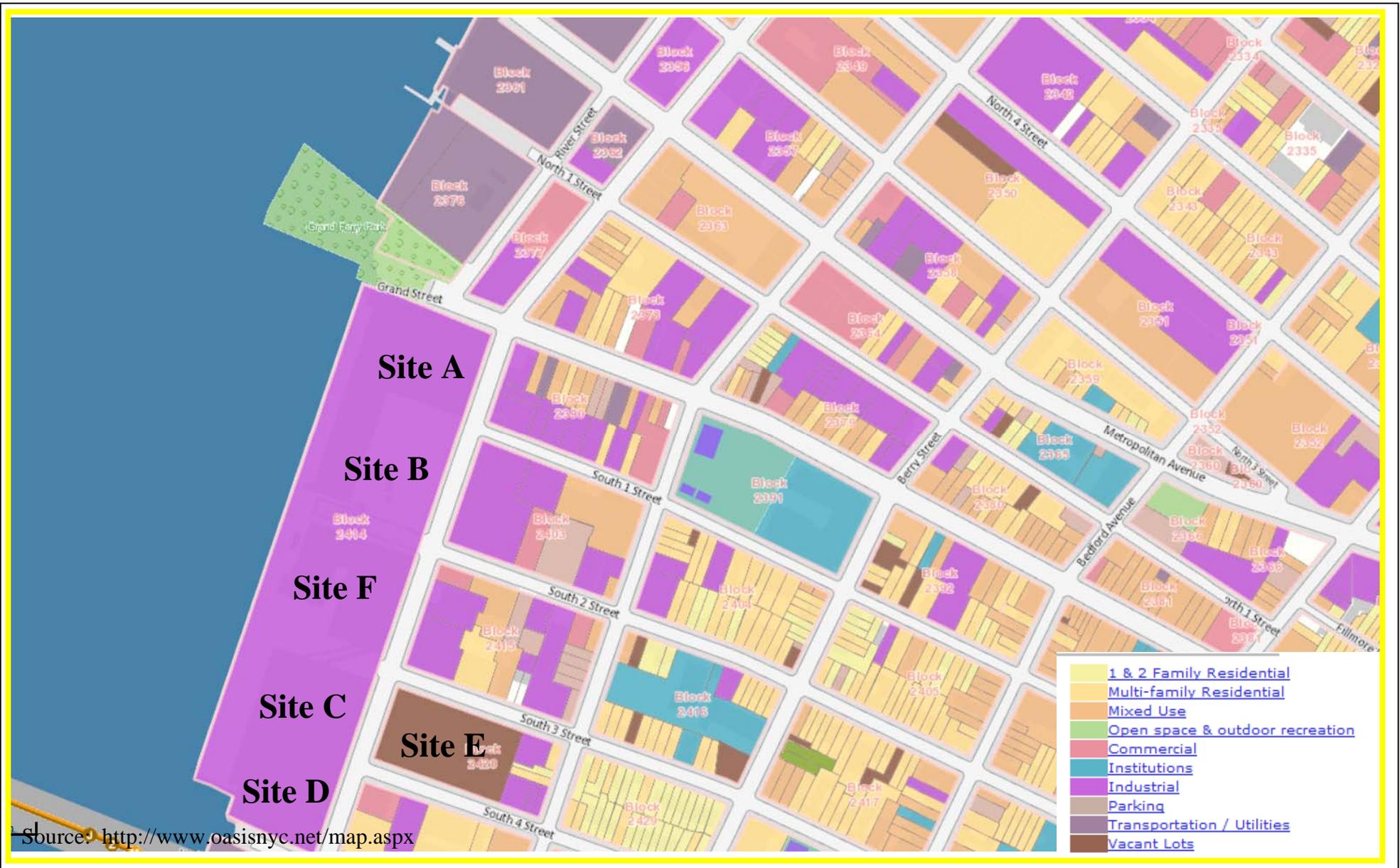


FIGURE 4
SURROUNDING LAND USE MAP

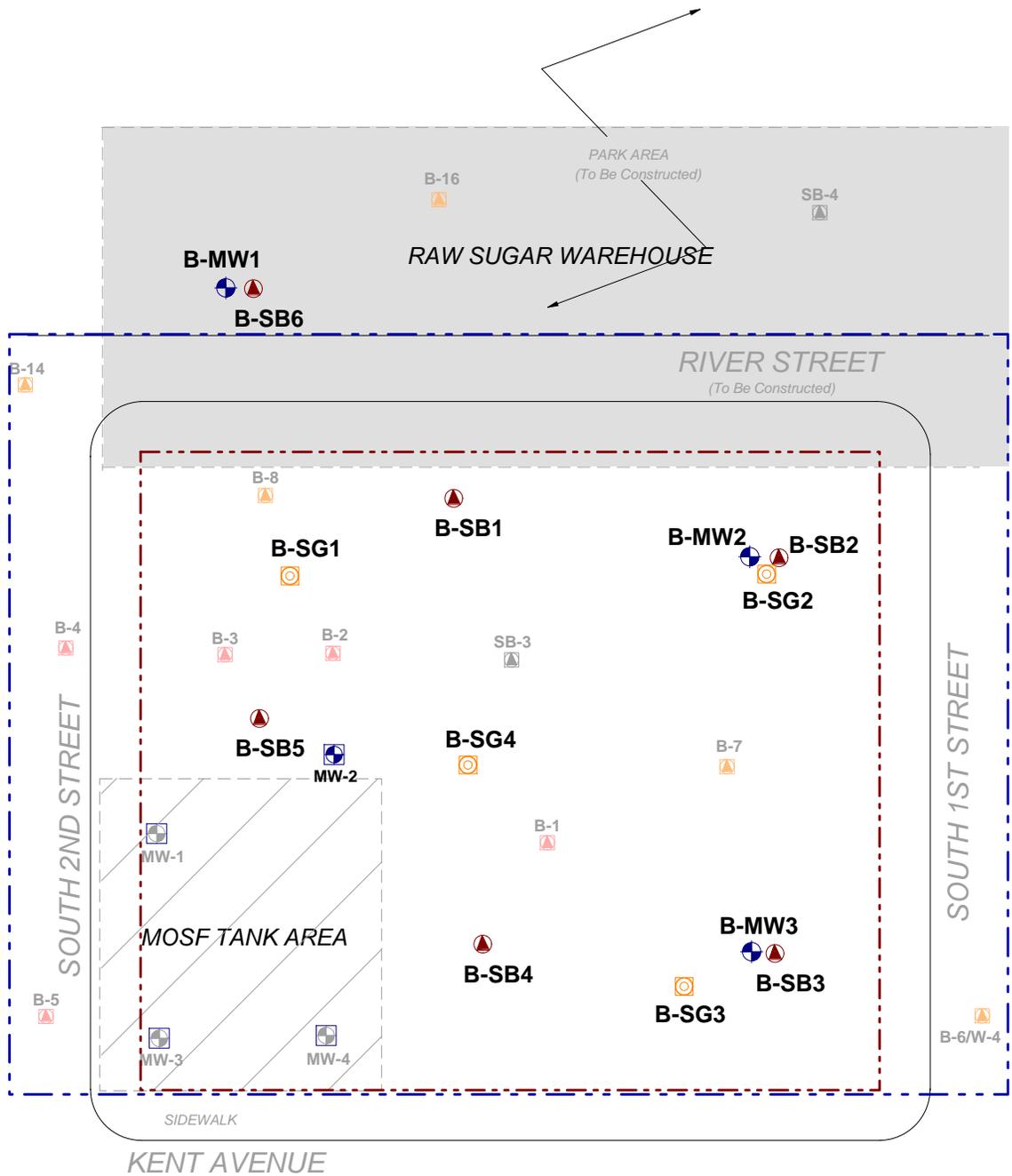
SITE B
 332-350 KENT AVENUE, BROOKLYN, NY



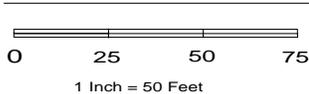
ENVIRONMENTAL BUSINESS CONSULTANTS
 1808 MIDDLE COUNTRY ROAD, RIDGE, NEW YORK 11961
 PHONE: (631) 504-6000 FAX: (631) 924-2870

EAST RIVER

B



SCALE:



KEY:

- - - Boundary of Proposed Lot B
- - - Boundary of Site B
- Existing Building
- Soil Boring Location (AKRF Phase II 2008)
- Soil Boring Location (NOVA Phase II 2004)
- Soil Boring Location (NOVA Phase III 2004)
- Existing MOSF Monitoring Well
- 2014 EBC RI Soil Boring Location
- 2014 EBC RI GW Sampling Location
- 2014 EBC RI Soil Gas Sampling Location



Phone 631.504.6000
Fax 631.924.2870

Figure No.
5

Site Name: Domino Sugar Site - Site B
Site Address: 270 to 290 Kent Avenue, Brooklyn, NY
Drawing Title: Site Sampling Locations

B

EAST RIVER

B-16 (4-6)		SB-4 (4-6)	
Benzo(a)anthracene	2,700	Benzo(a)anthracene	1,100
Benzo(a)pyrene	2,300	Benzo(a)pyrene	1,000
Benzo(b)fluoranthene	2,000	Benzo(b)fluoranthene	1,300
Benzo(k)fluoranthene	2,000	Chrysene	1,300
Chrysene	2,800	Indeno(1,2,3-cd)pyrene	1,200
Dibenzo(a,h)anthracene	350	Copper	73.6
Indeno(1,2,3-cd)pyrene	1,200	Lead	1,550
Lead	170	Mercury	0.26
Mercury	0.40	Zinc	120

B-SB2 (0-2')	
Acetone	75
Benzo(a)anthracene	1,400
Benzo(a)pyrene	1,100
Benzo(b)fluoranthene	1,500
Chrysene	1,500
Arsenic	19.6
Copper	98.6
Lead	213
Mercury	0.63
Nickel	31.1
Zinc	285

B-14 (0-4)	
Benzo(a)anthracene	3,000
Benzo(a)pyrene	3,100
Benzo(b)fluoranthene	2,700
Benzo(k)fluoranthene	2,700
Chrysene	2,800
Dibenzo(a,h)anthracene	620
Indeno(1,2,3-cd)pyrene	1,500
Lead	190
Mercury	0.23

B-8 (4-6)	
Benzo(a)anthracene	1,200
Benzo(k)fluoranthene	810
Chrysene	1,100
Indeno(1,2,3-cd)pyrene	600

B-SB1 (0-2')	
Benzo(a)anthracene	1,500
Benzo(a)pyrene	1,200
Benzo(b)fluoranthene	1,600
Chrysene	1,500
Indeno(1,2,3-cd)pyrene	570
Lead	159
Zinc	132

B-SB1 (7-9')	
Arsenic	24.2
Copper	123
Lead	132
Zinc	115

B-4 (2-4)	
Benzo(a)anthracene	18,000
Benzo(a)pyrene	9,100
Benzo(b)fluoranthene	7,700
Benzo(k)fluoranthene	7,700
Chrysene	19,000
Dibenzo(a,h)anthracene	1,200
Indeno(1,2,3-cd)pyrene	2,400
Phenanthrene	160,000

B-SB5 (0-2')	
Arsenic	51.6
Copper	787
Lead	586
Mercury	0.5
Nickel	51.2
Zinc	194

B-SB4 (0-2')	
Benzo(a)anthracene	2,000
Benzo(a)pyrene	1,800
Benzo(b)fluoranthene	2,700
Chrysene	2,100
Indeno(1,2,3-cd)pyrene	590
Arsenic	30.3
Copper	159
Lead	332
Mercury	0.37
Zinc	202

B-SB4 (14-16')	
Copper	106
Lead	114
Mercury	127

B-SB2 (7-9')	
Copper	52.2
Lead	389
Mercury	0.55

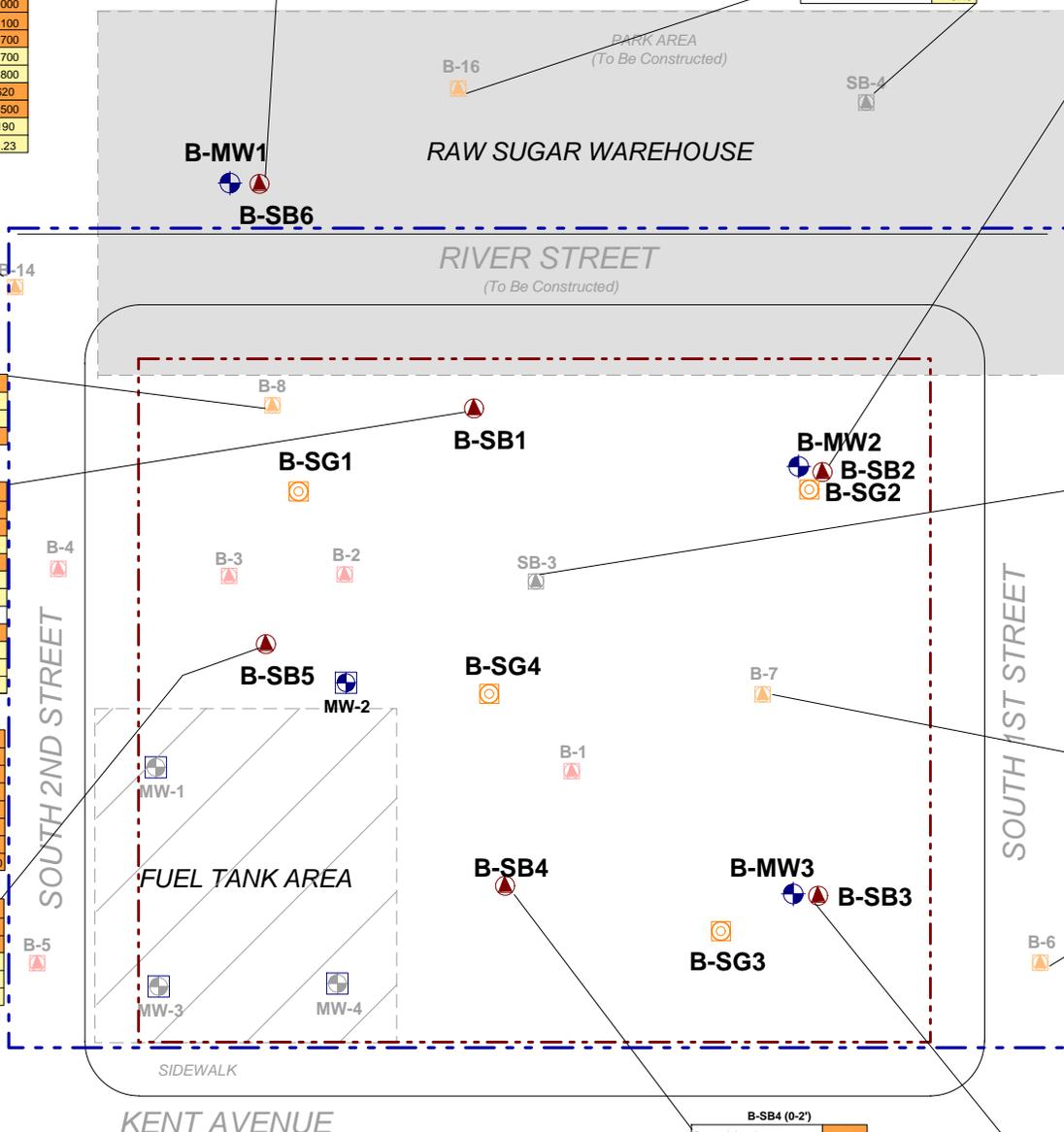
B-SB3 (10-12')	
Acetone	230
2-Butanone	130
Benzo(a)anthracene	3,000
Benzo(a)pyrene	2,300
Benzo(b)fluoranthene	2,400
Benzo(k)fluoranthene	1,000
Chrysene	2,900
Dibenzo(a,h)anthracene	680
Indeno(1,2,3-cd)pyrene	2,400
Arsenic	18.6
Barium	520
Chromium	38.8
Copper	1,060
Lead	17,900
Zinc	1,430

B-7 (0-4)	
Benzo(a)anthracene	1,900
Benzo(a)pyrene	1,800
Benzo(b)fluoranthene	1,900
Benzo(k)fluoranthene	1,900
Chrysene	1,900
Indeno(1,2,3-cd)pyrene	740

B-6 (0-4)	
Lead	74

B-SB3 (0-2')	
Benzo(a)anthracene	1,800
Benzo(a)pyrene	1,500
Benzo(b)fluoranthene	2,000
Chrysene	1,800
Indeno(1,2,3-cd)pyrene	540
Arsenic	20.1
Copper	131
Lead	185
Mercury	0.3
Zinc	113

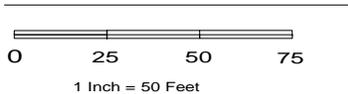
B-SB3 (9-11')	
Copper	52.2
Lead	389
Mercury	0.55



KEY:

- Boundary of Proposed Lot B
 - Boundary of Site B
 - Existing Building
 - Soil Boring Location (AKRF Phase II 2008)
 - Soil Boring Location (NOVA Phase II 2004)
 - Soil Boring Location (NOVA Phase III 2004)
 - Existing MOSF Monitoring Well
 - 2014 EBC RI Soil Boring Location
 - 2014 EBC RI GW Sampling Location
 - 2014 EBC RI Soil Gas Sampling Location
 - Concentration above Unrestricted Use SCO
 - Concentration above Restricted Res SCO
- | | |
|-------------------------------|-----|
| VOCs, SVOCs, Pesticides, PCBs | ppb |
| Metals | ppm |

SCALE:



B

EAST RIVER

B-MW1

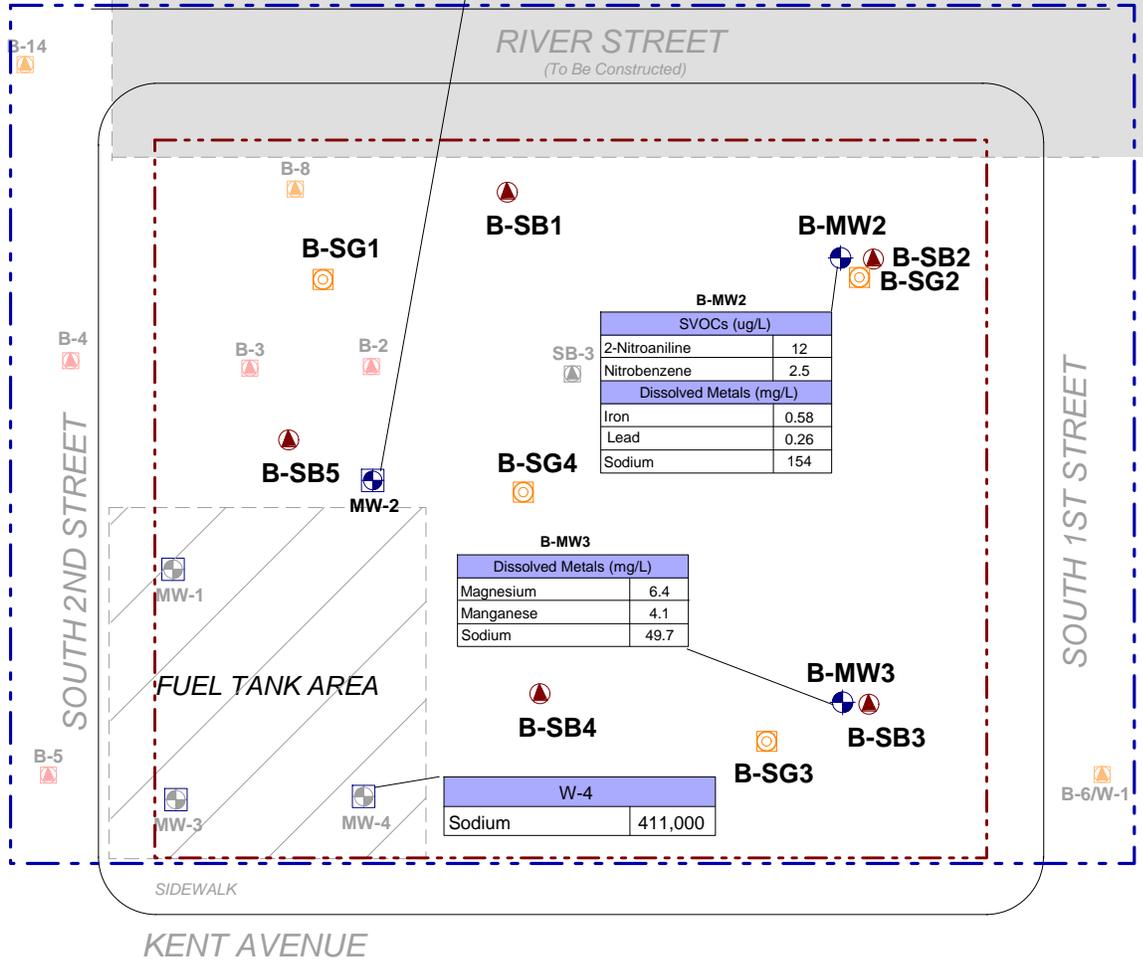
SVOCs (ug/L)	
Benzo(a)anthracene	6.4
Chrysene	4.1
Dissolved Metals (mg/L)	
Iron	1.03
Magnesium	192
Manganese	2.36
Sodium	1,600

Tank Area MW-2

Dissolved Metals (mg/L)	
Iron	0.74
Manganese	1.84
Sodium	61.9

PARK AREA
(To Be Constructed)

RAW SUGAR WAREHOUSE



B-MW2

SVOCs (ug/L)	
2-Nitroaniline	12
Nitrobenzene	2.5
Dissolved Metals (mg/L)	
Iron	0.58
Lead	0.26
Sodium	154

B-MW3

Dissolved Metals (mg/L)	
Magnesium	6.4
Manganese	4.1
Sodium	49.7

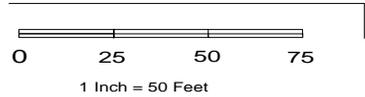
W-4

Sodium	411,000
--------	---------

KEY:

- Boundary of Proposed Lot B
- Boundary of Site B
- Existing Building
- Soil Boring Location (AKRF Phase II 2008)
- Soil Boring Location (NOVA Phase II 2004)
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- Existing MOSF Monitoring Well
- 2014 EBC RI Soil Boring Location
- 2014 EBC RI GW Sampling Location
- 2014 EBC RI Soil Gas Sampling Location

SCALE:

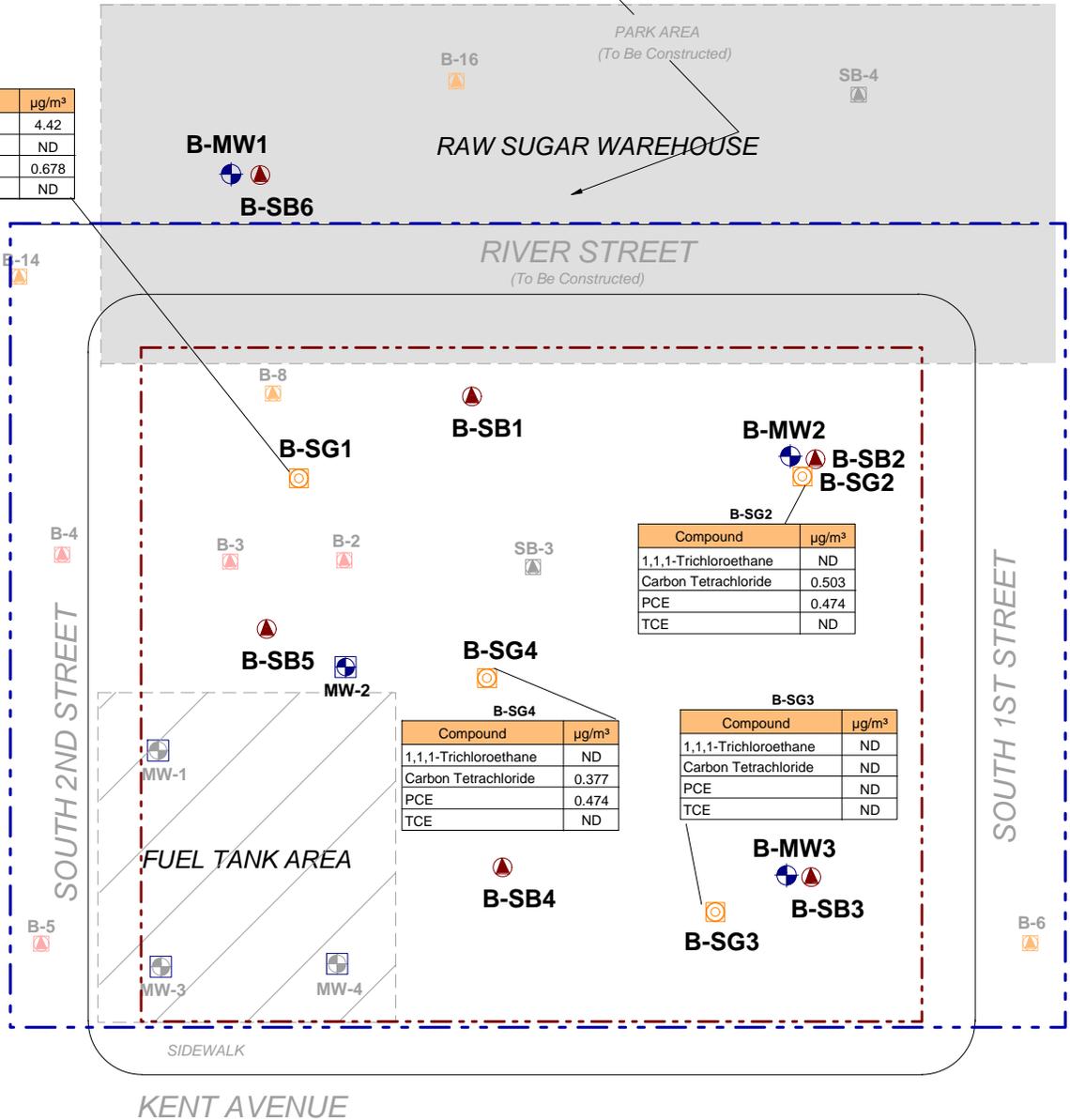


B

EAST RIVER

B-SG1

Compound	µg/m³
1,1,1-Trichloroethane	4.42
Carbon Tetrachloride	ND
PCE	0.678
TCE	ND



B-SG2

Compound	µg/m³
1,1,1-Trichloroethane	ND
Carbon Tetrachloride	0.503
PCE	0.474
TCE	ND

B-SG4

Compound	µg/m³
1,1,1-Trichloroethane	ND
Carbon Tetrachloride	0.377
PCE	0.474
TCE	ND

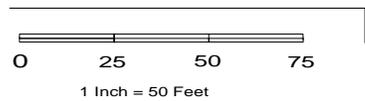
B-SG3

Compound	µg/m³
1,1,1-Trichloroethane	ND
Carbon Tetrachloride	ND
PCE	ND
TCE	ND

KEY:

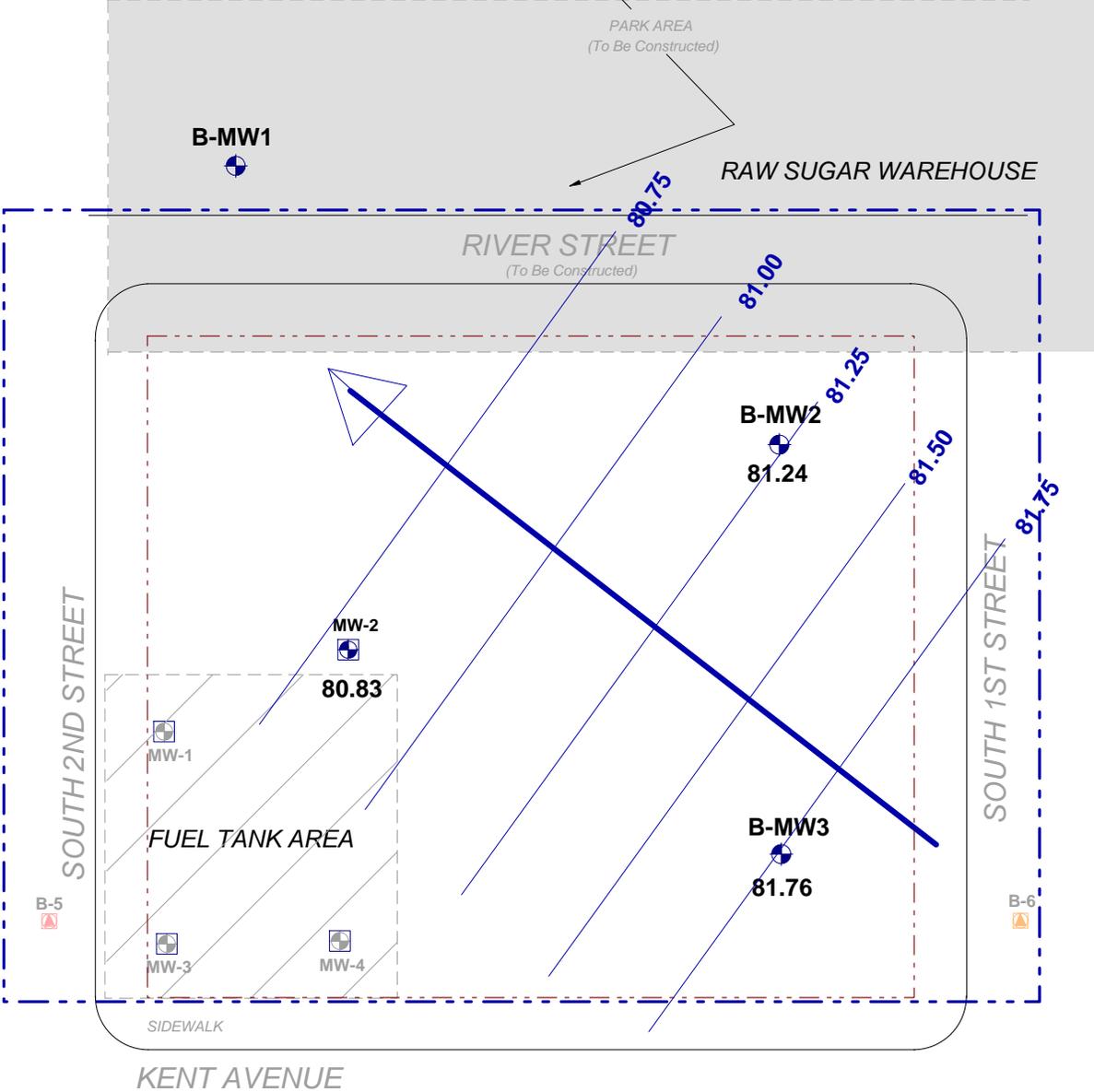
- - - Boundary of Proposed Lot B
- - - Boundary of Site B
- Existing Building
- Soil Boring Location (AKRF Phase II 2008)
- Soil Boring Location (NOVA Phase II 2004)
- Soil Boring Location (NOVA Phase III 2004)
- Existing MOSF Monitoring Well
- 2014 EBC RI Soil Boring Location
- 2014 EBC RI GW Sampling Location
- 2014 EBC RI Soil Gas Sampling Location
- Value Detected Above NYSDOH Air Guidance Value

SCALE:



B

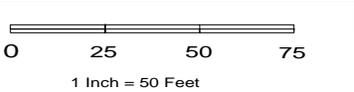
EAST RIVER



KEY:

- Boundary of Proposed Lot B
- Boundary of Site B
- Existing Building
- M
 Existing MOSF Monitoring Well
- +
 2014 EBC RI GW Sampling Location

SCALE:



Phone 631.504.6000
Fax 631.924.2870

Figure No.
9

Site Name: Domino Sugar Site - Site B
Site Address: 270 to 290 Kent Avenue, Brooklyn, NY
Drawing Title: Groundwater Contour Map

ATTACHMENT A
SOIL BORING LOGS

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B-SB1 Boring Log

Location: Performed in Site B.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TTM1401	Address: Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C ² Environmental	Method: Macro core Geoprobe LT54		Well Specifications
Date Started: 4/4/2014	Date Completed: 4/4/2014		None
Completion Depth: 12 feet	Field Technician K.Waters		

B-SB1 (NTS)	(ft below grade)	Reco- very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	15		0.0	8" - Concrete. 7" - Sandy fill material with brick and concrete.
	4				<i>*Soil Sample retained B-SB1 (0-2').</i>
	to	22		0.0	22" - Brown sandy fill material. Saturated at 8'.
	8				
	to	30		0.0	20" - Brown sandy historic fill material predominately brick. 10" - Black fill material with and organic odor.
	12				<i>*Soil Sample retained B-SB1 (7-9').</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B-SB2 Boring Log

Location: Performed in Site B.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TTM1401	Address: Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C ² Environmental	Method: Macro core Geoprobe LT54		Well Specifications
Date Started: 4/4/2014	Date Completed: 4/4/2014		Installed B-MW2 1" PVC Set to 15' with 10' of screen
Completion Depth: 12 feet	Field Technician K.Waters		

B-SB2 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				10" - Concrete.
	to	19		0.0	9" - Grey sandy fill composed of brick and concrete.
	4				<i>*Soil Sample retained B-SB2 (0-2').</i>
	to	23		0.0	9" - Moist black sandy fill material composed of brick and concrete.
	8				14" - Saturated grey/brown sandy silt with brick and rock.
	to	36		0.0	12" - Grey brownsandy silt.
	12				10" - Black sandy silt with rock.
					14" - Grey/brown sandy silt.
					<i>*Soil Sample retained B-SB2 (7-9').</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B-SB3 Boring Log

Location: Performed in Site B.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TTM1401	Address: Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C ² Environmental	Method: Macro core Geoprobe LT54	Well Specifications	
Date Started: 4/4/2014	Date Completed: 4/4/2014	Installed B-MW3 1" PVC Set to 20' with 10' of screen	
Completion Depth: 16 feet	Field Technician K.Waters		

B-SB3 (NTS)	(ft below grade)	Reco- very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	34		0.0	34" - Dark brown/black sandy silt historic fill material.
	4				<i>*Soil Sample retained B-SB3 (0-2').</i>
	to	22		0.0	9" - Dark brown sandy historic fill material. 18" - Grey/brown sandy silt with wood and an organic odor.
	8				
	to	20		0.0	20" - Grey sandy silt with rock. Saturated at approximately 9'.
12					<i>*Soil Sample retained B-SB3 (9-11').</i>
to	24		0.0	24" - Brown sandy silt with brick and wood.	
16					

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B-SB5 Boring Log

Location: Performed in Site B.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TTM1401	Address: Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C ² Environmental	Method: Macro core Geoprobe LT54		Well Specifications
Date Started: 4/4/2014	Date Completed: 4/4/2014		None
Completion Depth: 9.5 feet	Field Technician K. Waters		

B-SB5 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	40		0.0	25" - Black/dark brown sandy historic fill material. 15" - Brown sandy historic fill material with brick.
	4				<i>*Soil Sample retained B-SB5 (0-2').</i>
	to	15		0.0	15" - Moist brown silty sand. Saturated approximately 8'.
	8				
	to	6		0.0	6" - Saturated brown sandy silt with a rock in the shoe. <i>*Soil Sample retained B-SB5 (7-9').</i>
	10				Refusal at 9.5'

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B-SB6

Location: Performed in the southern end of the existing building. 45' from the southern end and 45' from the western wall.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TTM1401	Address: Brooklyn, NY	Date	DTW
Drilling Company: Eastern Environmental Solutions		Groundwater depth	
Method: Geoprobe		Well Specifications	
Date Started: 4/16/2014	Date Completed: 4/16/2014	None	
Completion Depth: 15 feet	Geologist: D Mosca		

B-SB6 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				6" - Concrete. 3" - Brick. 8" - Brown silty fill material. 7" - Red brick. <i>*Retained soil sample A-SB6(0-2')</i>
	to	24		0.0	
	5				1" - Coal. 12" - Moist brown silty sand. 5" - Saturated coal in a black silty sand matrix. 10" - Black silty sand with a bog and slight petroleum odor.
	to	28		0.0	
	10				24" - Black silty sand with a pungent bog odor.
	to	24		0.0	
	15				<i>*Retained soil sample A-SB6(11-13')</i>

ATTACHMENT B
GROUNDWATER SAMPLING LOGS

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: B-MW1

Date: 4/9/2014

Well Depth (from TOC): 16

Equipment: Peristaltic Pump

Static Water Level (from TOC): 10.5

Field Personnel: Dominick Mosca

Height of Water in Well: 5.5

Gallons of Water per Well Volume: 0.22

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	DO (mg/L)	Comments
0.00	9:56	400ml/min	0					turbid
2.00	9:58	400ml/min	0.22					turbid
4.00	10:00	400ml/min	0.44					clear
6.00	10:02	400ml/min	0.66					clear
8.00	10:04	400ml/min	0.88					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: B-MW2

Date: 4/9/2014

Well Depth (from TOC): 16

Equipment: Peristaltic Pump

Static Water Level (from TOC): 11.20

Field Personnel: Dominick Mosca

Height of Water in Well: 4.8

Gallons of Water per Well Volume: 0.192

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	DO (mg/L)	Comments
0.00	10:18	400ml/min	0					turbid
2.00	10:20	400ml/min	0.22					turbid
4.00	10:22	400ml/min	0.44					clear
6.00	10:24	400ml/min	0.66					clear
8.00	10:26	400ml/min	0.88					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: B-MW3

Date: 4/9/2014

Well Depth (from TOC): 20

Equipment: Peristaltic Pump

Static Water Level (from TOC): 13.78

Field Personnel: Dominick Mosca

Height of Water in Well: 6.22

Gallons of Water per Well Volume: 0.2488

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	DO (mg/L)	Comments
0.00	10:36	400ml/min	0					turbid
2.00	10:38	400ml/min	0.22					turbid
4.00	10:40	400ml/min	0.44					clear
6.00	10:42	400ml/min	0.66					clear
8.00	10:44	400ml/min	0.88					clear

Note 400 ml = 0.11 gallons

ATTACHMENT C
SOIL GAS SAMPLING LOGS



**CHAIN OF CUSTODY RECORD
AIR ANALYSES**

800-827-5426
email: greg@phoenixlabs.com

Data Delivery: Fax #: _____
 Email: _____
 Phone #: _____

Report to: _____
Customer: ELC
Address: 1808 Middle Country Road Ridge, NY
Invoice to: _____
Project Name: DOMINO SUGAR SITE B
Criteria Requested: Deliverable: RCP MCP
State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	MATRIX	
													Soil Gas	Grab (G) Composite (C)
34096	B-SG1	13000	6.0	-30	-3	4408	42	0923	1108	4-17-14	-30	-7	X	X
34097	B-SG2	380	6.0	-30	-3	3408	42	0912	1053		-29	-5		
34098	B-SG3	478	6.0	-30	-3	4050	42	0917	1054		-29	-7		
34099	B-SG4	12850	6.0	-30	-3	5044	42	0922	1055		-29	-6		
		225	6.0	-30	-3	485	42							

Relinquished by: DLR Date: 4-17-14
Accepted by: [Signature] Date: 4-17
Data Format: Excel Equis GISKey
 PDF Other: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
Record RES #4982 CD
I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.
Signature: [Signature] Date: 4-17-14
Quote Number: _____

ATTACHMENT D
LABORATORY REPORTS IN DIGITAL
FORMAT



Tuesday, April 15, 2014

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: DOMINO SUGAR SITE SITE B
Sample ID#s: BG29674 - BG29683

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

8:00
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29674

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: B-SB1 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	04/10/14	LK	SW6010
Aluminum	7240	37	7.3	mg/Kg	04/10/14	LK	SW6010
Arsenic	4.4 *	0.7	0.73	mg/Kg	04/10/14	LK	SW6010
Barium	65.9	0.7	0.15	mg/Kg	04/10/14	LK	SW6010
Beryllium	0.50 *	0.29	0.15	mg/Kg	04/10/14	LK	SW6010
Calcium	85200	37	34	mg/Kg	04/10/14	LK	SW6010
Cadmium	0.91	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Cobalt	4.89	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Chromium	21.2	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Copper	46.2	0.37	0.29	mg/kg	04/10/14	LK	SW6010
Iron	47100 *	37	37	mg/Kg	04/10/14	LK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	04/09/14	RS	SW-7471
Potassium	3060	N 7	2.9	mg/Kg	04/10/14	LK	SW6010
Magnesium	16900	37	2.2	mg/Kg	04/10/14	LK	SW6010
Manganese	331	N 3.7	1.5	mg/Kg	04/10/14	LK	SW6010
Sodium	808	7	3.2	mg/Kg	04/10/14	LK	SW6010
Nickel	15.5	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Lead	159	N 7.3	2.2	mg/Kg	04/10/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	04/10/14	LK	SW6010
Selenium	< 1.5	1.5	1.2	mg/Kg	04/10/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	04/10/14	LK	SW6010
Vanadium	25.6	0.4	0.15	mg/Kg	04/10/14	LK	SW6010
Zinc	132	N 0.7	0.37	mg/Kg	04/10/14	LK	SW6010
Percent Solid	84			%	04/08/14	I	E160.3
Soil Extraction for PCB	Completed				04/08/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/08/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/08/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/09/14	I/I	SW7471

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/08/14	CB/AG	SW846 - 3050
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
PCB-1221	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
PCB-1232	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
PCB-1242	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
PCB-1248	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
PCB-1254	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
PCB-1260	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
PCB-1262	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
PCB-1268	ND	39	39	ug/Kg	04/09/14	AW	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	90			%	04/09/14	AW	30 - 150 %
% TCMX	74			%	04/09/14	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.8	2.8	ug/Kg	04/09/14	MH	SW8081
4,4' -DDE	3.0	2.8	2.8	ug/Kg	04/09/14	MH	SW8081
4,4' -DDT	ND	2.8	2.8	ug/Kg	04/09/14	MH	SW8081
a-BHC	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
a-Chlordane	6.3	3.9	3.9	ug/Kg	04/09/14	MH	SW8081
Aldrin	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
b-BHC	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
Chlordane	35	23	23	ug/Kg	04/09/14	MH	SW8081
d-BHC	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
Dieldrin	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
Endosulfan I	ND	3.9	3.9	ug/Kg	04/09/14	MH	SW8081
Endosulfan II	ND	3.9	3.9	ug/Kg	04/09/14	MH	SW8081
Endosulfan sulfate	ND	3.9	3.9	ug/Kg	04/09/14	MH	SW8081
Endrin	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
Endrin aldehyde	ND	3.9	3.9	ug/Kg	04/09/14	MH	SW8081
Endrin ketone	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
g-BHC	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
g-Chlordane	5.9	3.9	3.9	ug/Kg	04/09/14	MH	SW8081
Heptachlor	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
Heptachlor epoxide	ND	2.0	2.0	ug/Kg	04/09/14	MH	SW8081
Methoxychlor	ND	12	12	ug/Kg	04/09/14	MH	SW8081
Toxaphene	ND	200	200	ug/Kg	04/09/14	MH	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	114			%	04/09/14	MH	30 - 150 %
% TCMX	78			%	04/09/14	MH	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	6.0	0.98	ug/Kg	04/11/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.0	1.2	ug/Kg	04/11/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.0	0.85	ug/Kg	04/11/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.0	0.58	ug/Kg	04/11/14	HM	SW8260
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	04/11/14	HM	SW8260
1,1-Dichloroethene	ND	6.0	1.3	ug/Kg	04/11/14	HM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	6.0	1.2	ug/Kg	04/11/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	04/11/14	HM	SW8260
1,2,3-Trichloropropane	ND	6.0	0.85	ug/Kg	04/11/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	04/11/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	6.0	0.86	ug/Kg	04/11/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	1.6	ug/Kg	04/11/14	HM	SW8260
1,2-Dibromoethane	ND	6.0	1.6	ug/Kg	04/11/14	HM	SW8260
1,2-Dichlorobenzene	ND	6.0	0.65	ug/Kg	04/11/14	HM	SW8260
1,2-Dichloroethane	ND	6.0	0.52	ug/Kg	04/11/14	HM	SW8260
1,2-Dichloropropane	ND	6.0	0.85	ug/Kg	04/11/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	6.0	0.79	ug/Kg	04/11/14	HM	SW8260
1,3-Dichlorobenzene	ND	6.0	0.88	ug/Kg	04/11/14	HM	SW8260
1,3-Dichloropropane	ND	6.0	0.63	ug/Kg	04/11/14	HM	SW8260
1,4-Dichlorobenzene	ND	6.0	0.94	ug/Kg	04/11/14	HM	SW8260
2,2-Dichloropropane	ND	6.0	1.0	ug/Kg	04/11/14	HM	SW8260
2-Chlorotoluene	ND	6.0	0.95	ug/Kg	04/11/14	HM	SW8260
2-Hexanone	ND	30	2.7	ug/Kg	04/11/14	HM	SW8260
2-Isopropyltoluene	ND	6.0	0.82	ug/Kg	04/11/14	HM	SW8260
4-Chlorotoluene	ND	6.0	0.69	ug/Kg	04/11/14	HM	SW8260
4-Methyl-2-pentanone	ND	30	1.4	ug/Kg	04/11/14	HM	SW8260
Acetone	6.5	JS 50	5.9	ug/Kg	04/11/14	HM	SW8260
Acrylonitrile	ND	12	3.3	ug/Kg	04/11/14	HM	SW8260
Benzene	ND	6.0	1.2	ug/Kg	04/11/14	HM	SW8260
Bromobenzene	ND	6.0	0.77	ug/Kg	04/11/14	HM	SW8260
Bromochloromethane	ND	6.0	0.87	ug/Kg	04/11/14	HM	SW8260
Bromodichloromethane	ND	6.0	0.74	ug/Kg	04/11/14	HM	SW8260
Bromoform	ND	6.0	0.83	ug/Kg	04/11/14	HM	SW8260
Bromomethane	ND	6.0	4.6	ug/Kg	04/11/14	HM	SW8260
Carbon Disulfide	ND	6.0	0.96	ug/Kg	04/11/14	HM	SW8260
Carbon tetrachloride	ND	6.0	0.69	ug/Kg	04/11/14	HM	SW8260
Chlorobenzene	ND	6.0	0.88	ug/Kg	04/11/14	HM	SW8260
Chloroethane	ND	6.0	1.4	ug/Kg	04/11/14	HM	SW8260
Chloroform	ND	6.0	1.1	ug/Kg	04/11/14	HM	SW8260
Chloromethane	ND	6.0	3.1	ug/Kg	04/11/14	HM	SW8260
cis-1,2-Dichloroethene	ND	6.0	1.3	ug/Kg	04/11/14	HM	SW8260
cis-1,3-Dichloropropene	ND	6.0	0.64	ug/Kg	04/11/14	HM	SW8260
Dibromochloromethane	ND	6.0	0.67	ug/Kg	04/11/14	HM	SW8260
Dibromomethane	ND	6.0	0.75	ug/Kg	04/11/14	HM	SW8260
Dichlorodifluoromethane	ND	6.0	1.6	ug/Kg	04/11/14	HM	SW8260
Ethylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	HM	SW8260
Hexachlorobutadiene	ND	6.0	1.3	ug/Kg	04/11/14	HM	SW8260
Isopropylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	HM	SW8260
m&p-Xylene	ND	6.0	2.3	ug/Kg	04/11/14	HM	SW8260
Methyl Ethyl Ketone	ND	36	5.2	ug/Kg	04/11/14	HM	SW8260
Methyl t-butyl ether (MTBE)	ND	12	1.6	ug/Kg	04/11/14	HM	SW8260
Methylene chloride	ND	6.0	0.98	ug/Kg	04/11/14	HM	SW8260
Naphthalene	ND	6.0	1.6	ug/Kg	04/11/14	HM	SW8260
n-Butylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	HM	SW8260
n-Propylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	HM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	6.0	2.3	ug/Kg	04/11/14	HM	SW8260
p-Isopropyltoluene	ND	6.0	0.86	ug/Kg	04/11/14	HM	SW8260
sec-Butylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	HM	SW8260
Styrene	ND	6.0	1.7	ug/Kg	04/11/14	HM	SW8260
tert-Butylbenzene	ND	6.0	0.95	ug/Kg	04/11/14	HM	SW8260
Tetrachloroethene	ND	6.0	1.3	ug/Kg	04/11/14	HM	SW8260
Tetrahydrofuran (THF)	ND	12	5.4	ug/Kg	04/11/14	HM	SW8260
Toluene	ND	6.0	0.94	ug/Kg	04/11/14	HM	SW8260
trans-1,2-Dichloroethene	ND	6.0	1.2	ug/Kg	04/11/14	HM	SW8260
trans-1,3-Dichloropropene	ND	6.0	1.2	ug/Kg	04/11/14	HM	SW8260
trans-1,4-dichloro-2-butene	ND	12	11	ug/Kg	04/11/14	HM	SW8260
Trichloroethene	ND	6.0	1.3	ug/Kg	04/11/14	HM	SW8260
Trichlorofluoromethane	ND	6.0	1.3	ug/Kg	04/11/14	HM	SW8260
Trichlorotrifluoroethane	ND	6.0	0.93	ug/Kg	04/11/14	HM	SW8260
Vinyl chloride	ND	6.0	1.9	ug/Kg	04/11/14	HM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	106			%	04/11/14	HM	70 - 121 %
% Bromofluorobenzene	89			%	04/11/14	HM	59 - 113 %
% Dibromofluoromethane	97			%	04/11/14	HM	70 - 130 %
% Toluene-d8	89			%	04/11/14	HM	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	540	270	ug/Kg	04/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	540	230	ug/Kg	04/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	540	250	ug/Kg	04/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	540	230	ug/Kg	04/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	540	230	ug/Kg	04/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	540	430	ug/Kg	04/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	540	250	ug/Kg	04/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	540	270	ug/Kg	04/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	540	190	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	3900	540	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	540	310	ug/Kg	04/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	540	250	ug/Kg	04/09/14	DD	SW 8270
2-Chloronaphthalene	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
2-Chlorophenol	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
2-Methylnaphthalene	ND	540	230	ug/Kg	04/09/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	330	330	ug/Kg	04/09/14	DD	SW 8270
2-Nitroaniline	ND	3900	780	ug/Kg	04/09/14	DD	SW 8270
2-Nitrophenol	ND	540	490	ug/Kg	04/09/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	540	310	ug/Kg	04/09/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1600	370	ug/Kg	04/09/14	DD	SW 8270
3-Nitroaniline	ND	3900	1700	ug/Kg	04/09/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	3900	830	ug/Kg	04/09/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	540	230	ug/Kg	04/09/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	540	270	ug/Kg	04/09/14	DD	SW 8270
4-Chloroaniline	ND	1600	360	ug/Kg	04/09/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	540	260	ug/Kg	04/09/14	DD	SW 8270
4-Nitroaniline	ND	3900	260	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	3900	350	ug/Kg	04/09/14	DD	SW 8270
Acenaphthene	330	J 540	240	ug/Kg	04/09/14	DD	SW 8270
Acenaphthylene	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
Acetophenone	ND	540	240	ug/Kg	04/09/14	DD	SW 8270
Aniline	ND	3900	1600	ug/Kg	04/09/14	DD	SW 8270
Anthracene	600	540	250	ug/Kg	04/09/14	DD	SW 8270
Benz(a)anthracene	1500	540	260	ug/Kg	04/09/14	DD	SW 8270
Benzidine	ND	1600	460	ug/Kg	04/09/14	DD	SW 8270
Benzo(a)pyrene	1200	540	250	ug/Kg	04/09/14	DD	SW 8270
Benzo(b)fluoranthene	1600	540	270	ug/Kg	04/09/14	DD	SW 8270
Benzo(ghi)perylene	630	540	250	ug/Kg	04/09/14	DD	SW 8270
Benzo(k)fluoranthene	590	540	260	ug/Kg	04/09/14	DD	SW 8270
Benzoic acid	ND	3900	1600	ug/Kg	04/09/14	DD	SW 8270
Benzyl butyl phthalate	ND	540	200	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	540	210	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	540	210	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
Carbazole	ND	3900	590	ug/Kg	04/09/14	DD	SW 8270
Chrysene	1500	540	260	ug/Kg	04/09/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	330	250	ug/Kg	04/09/14	DD	SW 8270
Dibenzofuran	ND	540	230	ug/Kg	04/09/14	DD	SW 8270
Diethyl phthalate	ND	540	250	ug/Kg	04/09/14	DD	SW 8270
Dimethylphthalate	ND	540	240	ug/Kg	04/09/14	DD	SW 8270
Di-n-butylphthalate	ND	540	210	ug/Kg	04/09/14	DD	SW 8270
Di-n-octylphthalate	ND	540	200	ug/Kg	04/09/14	DD	SW 8270
Fluoranthene	3500	540	250	ug/Kg	04/09/14	DD	SW 8270
Fluorene	ND	540	260	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobenzene	ND	540	230	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobutadiene	ND	540	280	ug/Kg	04/09/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	540	240	ug/Kg	04/09/14	DD	SW 8270
Hexachloroethane	ND	540	230	ug/Kg	04/09/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	570	540	260	ug/Kg	04/09/14	DD	SW 8270
Isophorone	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
Naphthalene	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
Nitrobenzene	ND	540	270	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodimethylamine	ND	540	220	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	540	250	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	540	300	ug/Kg	04/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	540	290	ug/Kg	04/09/14	DD	SW 8270
Pentachlorophenol	ND	540	290	ug/Kg	04/09/14	DD	SW 8270
Phenanthrene	2300	540	220	ug/Kg	04/09/14	DD	SW 8270
Phenol	ND	330	250	ug/Kg	04/09/14	DD	SW 8270
Pyrene	3000	540	270	ug/Kg	04/09/14	DD	SW 8270
Pyridine	ND	540	190	ug/Kg	04/09/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	78			%	04/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	53			%	04/09/14	DD	30 - 115 %
% 2-Fluorophenol	73			%	04/09/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	53			%	04/09/14	DD	23 - 120 %
% Phenol-d5	71			%	04/09/14	DD	24 - 113 %
% Terphenyl-d14	67			%	04/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

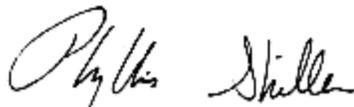
Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

8:20
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29675

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: B-SB1 7-9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	0.40	mg/Kg	04/10/14	LK	SW6010
Aluminum	4790	40	8.0	mg/Kg	04/09/14	LK	SW6010
Arsenic	24.2	* 0.8	0.80	mg/Kg	04/10/14	LK	SW6010
Barium	63.9	0.8	0.16	mg/Kg	04/10/14	LK	SW6010
Beryllium	0.35	* 0.32	0.16	mg/Kg	04/10/14	LK	SW6010
Calcium	44500	40	37	mg/Kg	04/09/14	LK	SW6010
Cadmium	1.71	0.40	0.16	mg/Kg	04/10/14	LK	SW6010
Cobalt	4.30	0.40	0.16	mg/Kg	04/10/14	LK	SW6010
Chromium	12.6	0.40	0.16	mg/Kg	04/10/14	LK	SW6010
Copper	123	0.40	0.32	mg/kg	04/10/14	LK	SW6010
Iron	87300	* 40	40	mg/Kg	04/09/14	LK	SW6010
Mercury	< 0.10	0.10	0.06	mg/Kg	04/09/14	RS	SW-7471
Potassium	1560	N 80	31	mg/Kg	04/09/14	LK	SW6010
Magnesium	1530	4.0	0.24	mg/Kg	04/10/14	LK	SW6010
Manganese	134	N 4.0	1.6	mg/Kg	04/09/14	LK	SW6010
Sodium	2030	8	3.4	mg/Kg	04/10/14	LK	SW6010
Nickel	12.1	0.40	0.16	mg/Kg	04/10/14	LK	SW6010
Lead	132	N 0.8	0.24	mg/Kg	04/10/14	LK	SW6010
Antimony	2.7	2.0	2.0	mg/Kg	04/10/14	LK	SW6010
Selenium	< 1.6	1.6	1.4	mg/Kg	04/10/14	LK	SW6010
Thallium	< 1.6	1.6	1.6	mg/Kg	04/10/14	LK	SW6010
Vanadium	21.1	0.4	0.16	mg/Kg	04/10/14	LK	SW6010
Zinc	115	N 0.8	0.40	mg/Kg	04/10/14	LK	SW6010
Percent Solid	76			%	04/08/14	I	E160.3
Soil Extraction for SVOA	Completed				04/08/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/09/14	I/I	SW7471
Total Metals Digest	Completed				04/08/14	CB/AG	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	6.5	1.1	ug/Kg	04/11/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.5	0.92	ug/Kg	04/11/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.5	0.64	ug/Kg	04/11/14	HM	SW8260
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260
1,1-Dichloroethene	ND	6.5	1.4	ug/Kg	04/11/14	HM	SW8260
1,1-Dichloropropene	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260
1,2,3-Trichloropropane	ND	6.5	0.92	ug/Kg	04/11/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	6.5	0.94	ug/Kg	04/11/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	6.5	1.7	ug/Kg	04/11/14	HM	SW8260
1,2-Dibromoethane	ND	6.5	1.7	ug/Kg	04/11/14	HM	SW8260
1,2-Dichlorobenzene	ND	6.5	0.72	ug/Kg	04/11/14	HM	SW8260
1,2-Dichloroethane	ND	6.5	0.57	ug/Kg	04/11/14	HM	SW8260
1,2-Dichloropropane	ND	6.5	0.92	ug/Kg	04/11/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	6.5	0.86	ug/Kg	04/11/14	HM	SW8260
1,3-Dichlorobenzene	ND	6.5	0.96	ug/Kg	04/11/14	HM	SW8260
1,3-Dichloropropane	ND	6.5	0.69	ug/Kg	04/11/14	HM	SW8260
1,4-Dichlorobenzene	ND	6.5	1.0	ug/Kg	04/11/14	HM	SW8260
2,2-Dichloropropane	ND	6.5	1.1	ug/Kg	04/11/14	HM	SW8260
2-Chlorotoluene	ND	6.5	1.0	ug/Kg	04/11/14	HM	SW8260
2-Hexanone	ND	33	2.9	ug/Kg	04/11/14	HM	SW8260
2-Isopropyltoluene	ND	6.5	0.90	ug/Kg	04/11/14	HM	SW8260
4-Chlorotoluene	ND	6.5	0.76	ug/Kg	04/11/14	HM	SW8260
4-Methyl-2-pentanone	ND	33	1.6	ug/Kg	04/11/14	HM	SW8260
Acetone	ND	50	6.5	ug/Kg	04/11/14	HM	SW8260
Acrylonitrile	ND	13	3.7	ug/Kg	04/11/14	HM	SW8260
Benzene	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260
Bromobenzene	ND	6.5	0.85	ug/Kg	04/11/14	HM	SW8260
Bromochloromethane	ND	6.5	0.95	ug/Kg	04/11/14	HM	SW8260
Bromodichloromethane	ND	6.5	0.81	ug/Kg	04/11/14	HM	SW8260
Bromoform	ND	6.5	0.91	ug/Kg	04/11/14	HM	SW8260
Bromomethane	ND	6.5	5.0	ug/Kg	04/11/14	HM	SW8260
Carbon Disulfide	1.6	J 6.5	1.1	ug/Kg	04/11/14	HM	SW8260
Carbon tetrachloride	ND	6.5	0.76	ug/Kg	04/11/14	HM	SW8260
Chlorobenzene	ND	6.5	0.96	ug/Kg	04/11/14	HM	SW8260
Chloroethane	ND	6.5	1.5	ug/Kg	04/11/14	HM	SW8260
Chloroform	ND	6.5	1.2	ug/Kg	04/11/14	HM	SW8260
Chloromethane	ND	6.5	3.4	ug/Kg	04/11/14	HM	SW8260
cis-1,2-Dichloroethene	ND	6.5	1.4	ug/Kg	04/11/14	HM	SW8260
cis-1,3-Dichloropropene	ND	6.5	0.70	ug/Kg	04/11/14	HM	SW8260
Dibromochloromethane	ND	6.5	0.73	ug/Kg	04/11/14	HM	SW8260
Dibromomethane	ND	6.5	0.82	ug/Kg	04/11/14	HM	SW8260
Dichlorodifluoromethane	ND	6.5	1.7	ug/Kg	04/11/14	HM	SW8260
Ethylbenzene	ND	6.5	1.2	ug/Kg	04/11/14	HM	SW8260
Hexachlorobutadiene	ND	6.5	1.4	ug/Kg	04/11/14	HM	SW8260
Isopropylbenzene	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
m&p-Xylene	ND	6.5	2.6	ug/Kg	04/11/14	HM	SW8260
Methyl Ethyl Ketone	ND	39	5.7	ug/Kg	04/11/14	HM	SW8260
Methyl t-butyl ether (MTBE)	ND	13	1.8	ug/Kg	04/11/14	HM	SW8260
Methylene chloride	1.6 JS	6.5	1.1	ug/Kg	04/11/14	HM	SW8260
Naphthalene	ND	6.5	1.7	ug/Kg	04/11/14	HM	SW8260
n-Butylbenzene	ND	6.5	1.2	ug/Kg	04/11/14	HM	SW8260
n-Propylbenzene	ND	6.5	1.2	ug/Kg	04/11/14	HM	SW8260
o-Xylene	ND	6.5	2.5	ug/Kg	04/11/14	HM	SW8260
p-Isopropyltoluene	ND	6.5	0.94	ug/Kg	04/11/14	HM	SW8260
sec-Butylbenzene	ND	6.5	1.2	ug/Kg	04/11/14	HM	SW8260
Styrene	ND	6.5	1.9	ug/Kg	04/11/14	HM	SW8260
tert-Butylbenzene	ND	6.5	1.0	ug/Kg	04/11/14	HM	SW8260
Tetrachloroethene	ND	6.5	1.4	ug/Kg	04/11/14	HM	SW8260
Tetrahydrofuran (THF)	ND	13	5.9	ug/Kg	04/11/14	HM	SW8260
Toluene	ND	6.5	1.0	ug/Kg	04/11/14	HM	SW8260
trans-1,2-Dichloroethene	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260
trans-1,3-Dichloropropene	ND	6.5	1.3	ug/Kg	04/11/14	HM	SW8260
trans-1,4-dichloro-2-butene	ND	13	12	ug/Kg	04/11/14	HM	SW8260
Trichloroethene	ND	6.5	1.4	ug/Kg	04/11/14	HM	SW8260
Trichlorofluoromethane	ND	6.5	1.4	ug/Kg	04/11/14	HM	SW8260
Trichlorotrifluoroethane	ND	6.5	1.0	ug/Kg	04/11/14	HM	SW8260
Vinyl chloride	ND	6.5	2.1	ug/Kg	04/11/14	HM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	04/11/14	HM	70 - 121 %
% Bromofluorobenzene	88			%	04/11/14	HM	59 - 113 %
% Dibromofluoromethane	99			%	04/11/14	HM	70 - 130 %
% Toluene-d8	91			%	04/11/14	HM	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	310	150	ug/Kg	04/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	310	240	ug/Kg	04/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	310	150	ug/Kg	04/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	310	110	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	2200	310	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	310	170	ug/Kg	04/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
2-Chloronaphthalene	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
2-Chlorophenol	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
2-Methylnaphthalene	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	310	210	ug/Kg	04/09/14	DD	SW 8270
2-Nitroaniline	ND	2200	440	ug/Kg	04/09/14	DD	SW 8270
2-Nitrophenol	ND	310	280	ug/Kg	04/09/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	310	170	ug/Kg	04/09/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	870	210	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
3-Nitroaniline	ND	2200	950	ug/Kg	04/09/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	470	ug/Kg	04/09/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	310	150	ug/Kg	04/09/14	DD	SW 8270
4-Chloroaniline	ND	870	200	ug/Kg	04/09/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	04/09/14	DD	SW 8270
4-Nitroaniline	ND	2200	150	ug/Kg	04/09/14	DD	SW 8270
4-Nitrophenol	ND	2200	200	ug/Kg	04/09/14	DD	SW 8270
Acenaphthene	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
Acenaphthylene	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
Acetophenone	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
Aniline	ND	2200	880	ug/Kg	04/09/14	DD	SW 8270
Anthracene	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
Benz(a)anthracene	590	310	150	ug/Kg	04/09/14	DD	SW 8270
Benzidine	ND	870	260	ug/Kg	04/09/14	DD	SW 8270
Benzo(a)pyrene	460	310	140	ug/Kg	04/09/14	DD	SW 8270
Benzo(b)fluoranthene	640	310	150	ug/Kg	04/09/14	DD	SW 8270
Benzo(ghi)perylene	260	J 310	140	ug/Kg	04/09/14	DD	SW 8270
Benzo(k)fluoranthene	240	J 310	150	ug/Kg	04/09/14	DD	SW 8270
Benzoic acid	ND	2200	870	ug/Kg	04/09/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	310	110	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	04/09/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
Carbazole	ND	2200	330	ug/Kg	04/09/14	DD	SW 8270
Chrysene	530	310	150	ug/Kg	04/09/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
Dibenzofuran	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
Diethyl phthalate	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
Dimethylphthalate	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
Di-n-butylphthalate	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
Di-n-octylphthalate	ND	310	110	ug/Kg	04/09/14	DD	SW 8270
Fluoranthene	1100	310	140	ug/Kg	04/09/14	DD	SW 8270
Fluorene	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobenzene	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobutadiene	ND	310	160	ug/Kg	04/09/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
Hexachloroethane	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	260	J 310	150	ug/Kg	04/09/14	DD	SW 8270
Isophorone	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
Naphthalene	ND	310	130	ug/Kg	04/09/14	DD	SW 8270
Nitrobenzene	ND	310	150	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodimethylamine	ND	310	120	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	310	170	ug/Kg	04/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	310	160	ug/Kg	04/09/14	DD	SW 8270
Pentachlorophenol	ND	310	170	ug/Kg	04/09/14	DD	SW 8270
Phenanthrene	430	310	130	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	310	140	ug/Kg	04/09/14	DD	SW 8270
Pyrene	940	310	150	ug/Kg	04/09/14	DD	SW 8270
Pyridine	ND	310	110	ug/Kg	04/09/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	87			%	04/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	44			%	04/09/14	DD	30 - 115 %
% 2-Fluorophenol	71			%	04/09/14	DD	25 - 121 %
% Nitrobenzene-d5	50			%	04/09/14	DD	23 - 120 %
% Phenol-d5	71			%	04/09/14	DD	24 - 113 %
% Terphenyl-d14	67			%	04/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

9:00
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29676

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: B-SB2 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	04/10/14	LK	SW6010
Aluminum	11000	37	7.3	mg/Kg	04/10/14	LK	SW6010
Arsenic	19.6	* 0.7	0.73	mg/Kg	04/10/14	LK	SW6010
Barium	98.3	0.7	0.15	mg/Kg	04/10/14	LK	SW6010
Beryllium	0.60	* 0.29	0.15	mg/Kg	04/10/14	LK	SW6010
Calcium	34600	37	34	mg/Kg	04/10/14	LK	SW6010
Cadmium	1.08	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Cobalt	11.2	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Chromium	23.6	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Copper	98.6	0.37	0.29	mg/kg	04/10/14	LK	SW6010
Iron	45600	* 37	37	mg/Kg	04/10/14	LK	SW6010
Mercury	0.63	0.08	0.05	mg/Kg	04/09/14	RS	SW-7471
Potassium	2270	N 7	2.9	mg/Kg	04/10/14	LK	SW6010
Magnesium	7030	37	2.2	mg/Kg	04/10/14	LK	SW6010
Manganese	868	N 3.7	1.5	mg/Kg	04/10/14	LK	SW6010
Sodium	557	7	3.2	mg/Kg	04/10/14	LK	SW6010
Nickel	31.1	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Lead	213	N 7.3	2.2	mg/Kg	04/10/14	LK	SW6010
Antimony	2.1	1.8	1.8	mg/Kg	04/10/14	LK	SW6010
Selenium	< 1.5	1.5	1.2	mg/Kg	04/10/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	04/10/14	LK	SW6010
Vanadium	35.1	0.4	0.15	mg/Kg	04/10/14	LK	SW6010
Zinc	285	N 7.3	3.7	mg/Kg	04/10/14	LK	SW6010
Percent Solid	82			%	04/08/14	I	E160.3
Soil Extraction for PCB	Completed				04/08/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/08/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/08/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/09/14	I/I	SW7471

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/08/14	CB/AG	SW846 - 3050
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
PCB-1221	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
PCB-1232	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
PCB-1242	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
PCB-1248	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
PCB-1254	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
PCB-1260	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
PCB-1262	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
PCB-1268	ND	40	40	ug/Kg	04/09/14	AW	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	100			%	04/09/14	AW	30 - 150 %
% TCMX	72			%	04/09/14	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	14	14	ug/Kg	04/10/14	MH	SW8081
4,4' -DDE	ND	14	14	ug/Kg	04/10/14	MH	SW8081
4,4' -DDT	ND	14	14	ug/Kg	04/10/14	MH	SW8081
a-BHC	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
a-Chlordane	ND	20	20	ug/Kg	04/10/14	MH	SW8081
Aldrin	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
b-BHC	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
Chlordane	ND	120	120	ug/Kg	04/10/14	MH	SW8081
d-BHC	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
Dieldrin	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
Endosulfan I	ND	20	20	ug/Kg	04/10/14	MH	SW8081
Endosulfan II	ND	20	20	ug/Kg	04/10/14	MH	SW8081
Endosulfan sulfate	ND	20	20	ug/Kg	04/10/14	MH	SW8081
Endrin	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
Endrin aldehyde	ND	20	20	ug/Kg	04/10/14	MH	SW8081
Endrin ketone	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
g-BHC	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
g-Chlordane	ND	20	20	ug/Kg	04/10/14	MH	SW8081
Heptachlor	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
Heptachlor epoxide	ND	9.9	9.9	ug/Kg	04/10/14	MH	SW8081
Methoxychlor	ND	40	40	ug/Kg	04/10/14	MH	SW8081
Toxaphene	ND	990	990	ug/Kg	04/10/14	MH	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out			%	04/10/14	MH	30 - 150 %
% TCMX	Diluted Out			%	04/10/14	MH	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	6.1	1.0	ug/Kg	04/11/14	JLI	SW8260
1,1,1-Trichloroethane	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	6.1	0.87	ug/Kg	04/11/14	JLI	SW8260
1,1,2-Trichloroethane	ND	6.1	0.60	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloroethane	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloroethene	ND	6.1	1.3	ug/Kg	04/11/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
1,2,3-Trichloropropane	ND	6.1	0.87	ug/Kg	04/11/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
1,2,4-Trimethylbenzene	1.2	J 6.1	0.88	ug/Kg	04/11/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	6.1	1.6	ug/Kg	04/11/14	JLI	SW8260
1,2-Dibromoethane	ND	6.1	1.6	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichlorobenzene	ND	6.1	0.67	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichloroethane	ND	6.1	0.54	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichloropropane	ND	6.1	0.87	ug/Kg	04/11/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	6.1	0.80	ug/Kg	04/11/14	JLI	SW8260
1,3-Dichlorobenzene	ND	6.1	0.90	ug/Kg	04/11/14	JLI	SW8260
1,3-Dichloropropane	ND	6.1	0.65	ug/Kg	04/11/14	JLI	SW8260
1,4-Dichlorobenzene	ND	6.1	0.96	ug/Kg	04/11/14	JLI	SW8260
2,2-Dichloropropane	ND	6.1	1.0	ug/Kg	04/11/14	JLI	SW8260
2-Chlorotoluene	ND	6.1	0.98	ug/Kg	04/11/14	JLI	SW8260
2-Hexanone	ND	30	2.7	ug/Kg	04/11/14	JLI	SW8260
2-Isopropyltoluene	ND	6.1	0.84	ug/Kg	04/11/14	JLI	SW8260
4-Chlorotoluene	ND	6.1	0.71	ug/Kg	04/11/14	JLI	SW8260
4-Methyl-2-pentanone	ND	30	1.5	ug/Kg	04/11/14	JLI	SW8260
Acetone	75	S 61	6.1	ug/Kg	04/11/14	JLI	SW8260
Acrylonitrile	ND	12	3.4	ug/Kg	04/11/14	JLI	SW8260
Benzene	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
Bromobenzene	ND	6.1	0.79	ug/Kg	04/11/14	JLI	SW8260
Bromochloromethane	ND	6.1	0.89	ug/Kg	04/11/14	JLI	SW8260
Bromodichloromethane	ND	6.1	0.76	ug/Kg	04/11/14	JLI	SW8260
Bromoform	ND	6.1	0.85	ug/Kg	04/11/14	JLI	SW8260
Bromomethane	ND	6.1	4.7	ug/Kg	04/11/14	JLI	SW8260
Carbon Disulfide	10	6.1	0.99	ug/Kg	04/11/14	JLI	SW8260
Carbon tetrachloride	ND	6.1	0.71	ug/Kg	04/11/14	JLI	SW8260
Chlorobenzene	ND	6.1	0.90	ug/Kg	04/11/14	JLI	SW8260
Chloroethane	ND	6.1	1.4	ug/Kg	04/11/14	JLI	SW8260
Chloroform	ND	6.1	1.1	ug/Kg	04/11/14	JLI	SW8260
Chloromethane	ND	6.1	3.2	ug/Kg	04/11/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	6.1	1.3	ug/Kg	04/11/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	6.1	0.66	ug/Kg	04/11/14	JLI	SW8260
Dibromochloromethane	ND	6.1	0.68	ug/Kg	04/11/14	JLI	SW8260
Dibromomethane	ND	6.1	0.77	ug/Kg	04/11/14	JLI	SW8260
Dichlorodifluoromethane	ND	6.1	1.6	ug/Kg	04/11/14	JLI	SW8260
Ethylbenzene	ND	6.1	1.1	ug/Kg	04/11/14	JLI	SW8260
Hexachlorobutadiene	ND	6.1	1.3	ug/Kg	04/11/14	JLI	SW8260
Isopropylbenzene	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
m&p-Xylene	ND	6.1	2.4	ug/Kg	04/11/14	JLI	SW8260
Methyl Ethyl Ketone	6.4	J 37	5.3	ug/Kg	04/11/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	12	1.7	ug/Kg	04/11/14	JLI	SW8260
Methylene chloride	ND	6.1	1.0	ug/Kg	04/11/14	JLI	SW8260
Naphthalene	1.8	J 6.1	1.6	ug/Kg	04/11/14	JLI	SW8260
n-Butylbenzene	ND	6.1	1.1	ug/Kg	04/11/14	JLI	SW8260
n-Propylbenzene	ND	6.1	1.1	ug/Kg	04/11/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	6.1	2.3	ug/Kg	04/11/14	JLI	SW8260
p-Isopropyltoluene	ND	6.1	0.88	ug/Kg	04/11/14	JLI	SW8260
sec-Butylbenzene	ND	6.1	1.1	ug/Kg	04/11/14	JLI	SW8260
Styrene	ND	6.1	1.8	ug/Kg	04/11/14	JLI	SW8260
tert-Butylbenzene	ND	6.1	0.98	ug/Kg	04/11/14	JLI	SW8260
Tetrachloroethene	ND	6.1	1.3	ug/Kg	04/11/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	12	5.5	ug/Kg	04/11/14	JLI	SW8260
Toluene	ND	6.1	0.96	ug/Kg	04/11/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	6.1	1.2	ug/Kg	04/11/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	12	11	ug/Kg	04/11/14	JLI	SW8260
Trichloroethene	ND	6.1	1.3	ug/Kg	04/11/14	JLI	SW8260
Trichlorofluoromethane	ND	6.1	1.4	ug/Kg	04/11/14	JLI	SW8260
Trichlorotrifluoroethane	ND	6.1	0.95	ug/Kg	04/11/14	JLI	SW8260
Vinyl chloride	ND	6.1	2.0	ug/Kg	04/11/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	109			%	04/11/14	JLI	70 - 121 %
% Bromofluorobenzene	83			%	04/11/14	JLI	59 - 113 %
% Dibromofluoromethane	73			%	04/11/14	JLI	70 - 130 %
% Toluene-d8	95			%	04/11/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	560	280	ug/Kg	04/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	560	240	ug/Kg	04/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	560	230	ug/Kg	04/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	560	260	ug/Kg	04/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	560	240	ug/Kg	04/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	560	240	ug/Kg	04/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	560	440	ug/Kg	04/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	560	260	ug/Kg	04/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	560	280	ug/Kg	04/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	560	200	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	4000	560	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	560	310	ug/Kg	04/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	560	250	ug/Kg	04/09/14	DD	SW 8270
2-Chloronaphthalene	ND	560	230	ug/Kg	04/09/14	DD	SW 8270
2-Chlorophenol	ND	560	230	ug/Kg	04/09/14	DD	SW 8270
2-Methylnaphthalene	250	J 560	240	ug/Kg	04/09/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	330	330	ug/Kg	04/09/14	DD	SW 8270
2-Nitroaniline	ND	4000	810	ug/Kg	04/09/14	DD	SW 8270
2-Nitrophenol	ND	560	510	ug/Kg	04/09/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	560	310	ug/Kg	04/09/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1600	380	ug/Kg	04/09/14	DD	SW 8270
3-Nitroaniline	ND	4000	1700	ug/Kg	04/09/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	4000	860	ug/Kg	04/09/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	560	230	ug/Kg	04/09/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	560	280	ug/Kg	04/09/14	DD	SW 8270
4-Chloroaniline	ND	1600	370	ug/Kg	04/09/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	560	270	ug/Kg	04/09/14	DD	SW 8270
4-Nitroaniline	ND	4000	270	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	4000	360	ug/Kg	04/09/14	DD	SW 8270
Acenaphthene	350	J 560	240	ug/Kg	04/09/14	DD	SW 8270
Acenaphthylene	ND	560	220	ug/Kg	04/09/14	DD	SW 8270
Acetophenone	ND	560	250	ug/Kg	04/09/14	DD	SW 8270
Aniline	ND	4000	1600	ug/Kg	04/09/14	DD	SW 8270
Anthracene	660	560	260	ug/Kg	04/09/14	DD	SW 8270
Benz(a)anthracene	1400	560	270	ug/Kg	04/09/14	DD	SW 8270
Benzidine	ND	1600	470	ug/Kg	04/09/14	DD	SW 8270
Benzo(a)pyrene	1100	560	260	ug/Kg	04/09/14	DD	SW 8270
Benzo(b)fluoranthene	1500	560	270	ug/Kg	04/09/14	DD	SW 8270
Benzo(ghi)perylene	420	J 560	260	ug/Kg	04/09/14	DD	SW 8270
Benzo(k)fluoranthene	490	J 560	260	ug/Kg	04/09/14	DD	SW 8270
Benzoic acid	ND	4000	1600	ug/Kg	04/09/14	DD	SW 8270
Benzyl butyl phthalate	ND	560	210	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	560	220	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	560	220	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	560	220	ug/Kg	04/09/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	560	230	ug/Kg	04/09/14	DD	SW 8270
Carbazole	ND	4000	600	ug/Kg	04/09/14	DD	SW 8270
Chrysene	1500	560	270	ug/Kg	04/09/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	330	260	ug/Kg	04/09/14	DD	SW 8270
Dibenzofuran	260	J 560	230	ug/Kg	04/09/14	DD	SW 8270
Diethyl phthalate	ND	560	250	ug/Kg	04/09/14	DD	SW 8270
Dimethylphthalate	ND	560	250	ug/Kg	04/09/14	DD	SW 8270
Di-n-butylphthalate	ND	560	210	ug/Kg	04/09/14	DD	SW 8270
Di-n-octylphthalate	ND	560	210	ug/Kg	04/09/14	DD	SW 8270
Fluoranthene	3200	560	260	ug/Kg	04/09/14	DD	SW 8270
Fluorene	360	J 560	260	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobenzene	ND	560	230	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobutadiene	ND	560	290	ug/Kg	04/09/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	560	240	ug/Kg	04/09/14	DD	SW 8270
Hexachloroethane	ND	560	240	ug/Kg	04/09/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	430	J 500	260	ug/Kg	04/09/14	DD	SW 8270
Isophorone	ND	560	220	ug/Kg	04/09/14	DD	SW 8270
Naphthalene	250	J 560	230	ug/Kg	04/09/14	DD	SW 8270
Nitrobenzene	ND	560	280	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodimethylamine	ND	560	230	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	560	260	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	560	310	ug/Kg	04/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	560	300	ug/Kg	04/09/14	DD	SW 8270
Pentachlorophenol	ND	560	300	ug/Kg	04/09/14	DD	SW 8270
Phenanthrene	2500	560	230	ug/Kg	04/09/14	DD	SW 8270
Phenol	ND	330	260	ug/Kg	04/09/14	DD	SW 8270
Pyrene	2700	560	270	ug/Kg	04/09/14	DD	SW 8270
Pyridine	ND	560	200	ug/Kg	04/09/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	73			%	04/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	46			%	04/09/14	DD	30 - 115 %
% 2-Fluorophenol	67			%	04/09/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	40			%	04/09/14	DD	23 - 120 %
% Phenol-d5	64			%	04/09/14	DD	24 - 113 %
% Terphenyl-d14	56			%	04/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Semi-Volatile Comment:

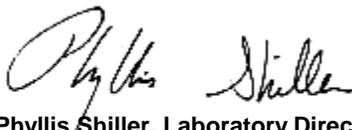
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the pesticide analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

9:20
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29677

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: B-SB2 7-9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.41	0.41	0.41	mg/Kg	04/10/14	LK	SW6010
Aluminum	10700	41	8.1	mg/Kg	04/10/14	LK	SW6010
Arsenic	6.1	* 0.8	0.81	mg/Kg	04/10/14	LK	SW6010
Barium	95.3	0.8	0.16	mg/Kg	04/10/14	LK	SW6010
Beryllium	0.59	* 0.33	0.16	mg/Kg	04/10/14	LK	SW6010
Calcium	6810	4.1	3.7	mg/Kg	04/10/14	LK	SW6010
Cadmium	0.50	0.41	0.16	mg/Kg	04/10/14	LK	SW6010
Cobalt	7.36	0.41	0.16	mg/Kg	04/10/14	LK	SW6010
Chromium	26.2	0.41	0.16	mg/Kg	04/10/14	LK	SW6010
Copper	52.2	0.41	0.33	mg/kg	04/10/14	LK	SW6010
Iron	39700	* 41	41	mg/Kg	04/10/14	LK	SW6010
Mercury	0.55	0.08	0.05	mg/Kg	04/09/14	RS	SW-7471
Potassium	1810	N 8	3.2	mg/Kg	04/10/14	LK	SW6010
Magnesium	2380	4.1	0.24	mg/Kg	04/10/14	LK	SW6010
Manganese	550	N 4.1	1.6	mg/Kg	04/10/14	LK	SW6010
Sodium	236	8	3.5	mg/Kg	04/10/14	LK	SW6010
Nickel	17.8	0.41	0.16	mg/Kg	04/10/14	LK	SW6010
Lead	389	N 8.1	2.4	mg/Kg	04/10/14	LK	SW6010
Antimony	< 2.0	2.0	2.0	mg/Kg	04/10/14	LK	SW6010
Selenium	< 1.6	1.6	1.4	mg/Kg	04/10/14	LK	SW6010
Thallium	< 1.6	1.6	1.6	mg/Kg	04/10/14	LK	SW6010
Vanadium	40.7	0.4	0.16	mg/Kg	04/10/14	LK	SW6010
Zinc	86.9	N 0.8	0.41	mg/Kg	04/10/14	LK	SW6010
Percent Solid	83			%	04/08/14	I	E160.3
Soil Extraction for SVOA	Completed				04/08/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/09/14	I/I	SW7471
Total Metals Digest	Completed				04/08/14	CB/AG	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	0.98	ug/Kg	04/11/14	U	SW8260
1,1,1-Trichloroethane	ND	6.0	1.2	ug/Kg	04/11/14	U	SW8260
1,1,2,2-Tetrachloroethane	ND	6.0	0.85	ug/Kg	04/11/14	U	SW8260
1,1,2-Trichloroethane	ND	6.0	0.58	ug/Kg	04/11/14	U	SW8260
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	04/11/14	U	SW8260
1,1-Dichloroethene	ND	6.0	1.3	ug/Kg	04/11/14	U	SW8260
1,1-Dichloropropene	ND	6.0	1.2	ug/Kg	04/11/14	U	SW8260
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	04/11/14	U	SW8260
1,2,3-Trichloropropane	ND	6.0	0.85	ug/Kg	04/11/14	U	SW8260
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	04/11/14	U	SW8260
1,2,4-Trimethylbenzene	ND	6.0	0.86	ug/Kg	04/11/14	U	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	1.6	ug/Kg	04/11/14	U	SW8260
1,2-Dibromoethane	ND	6.0	1.6	ug/Kg	04/11/14	U	SW8260
1,2-Dichlorobenzene	ND	6.0	0.66	ug/Kg	04/11/14	U	SW8260
1,2-Dichloroethane	ND	6.0	0.52	ug/Kg	04/11/14	U	SW8260
1,2-Dichloropropane	ND	6.0	0.85	ug/Kg	04/11/14	U	SW8260
1,3,5-Trimethylbenzene	ND	6.0	0.79	ug/Kg	04/11/14	U	SW8260
1,3-Dichlorobenzene	ND	6.0	0.88	ug/Kg	04/11/14	U	SW8260
1,3-Dichloropropane	ND	6.0	0.63	ug/Kg	04/11/14	U	SW8260
1,4-Dichlorobenzene	ND	6.0	0.94	ug/Kg	04/11/14	U	SW8260
2,2-Dichloropropane	ND	6.0	1.0	ug/Kg	04/11/14	U	SW8260
2-Chlorotoluene	ND	6.0	0.95	ug/Kg	04/11/14	U	SW8260
2-Hexanone	ND	30	2.7	ug/Kg	04/11/14	U	SW8260
2-Isopropyltoluene	ND	6.0	0.82	ug/Kg	04/11/14	U	SW8260
4-Chlorotoluene	ND	6.0	0.69	ug/Kg	04/11/14	U	SW8260
4-Methyl-2-pentanone	ND	30	1.4	ug/Kg	04/11/14	U	SW8260
Acetone	48	JS	50	5.9	ug/Kg	U	SW8260
Acrylonitrile	ND	12	3.4	ug/Kg	04/11/14	U	SW8260
Benzene	ND	6.0	1.2	ug/Kg	04/11/14	U	SW8260
Bromobenzene	ND	6.0	0.78	ug/Kg	04/11/14	U	SW8260
Bromochloromethane	ND	6.0	0.87	ug/Kg	04/11/14	U	SW8260
Bromodichloromethane	ND	6.0	0.74	ug/Kg	04/11/14	U	SW8260
Bromoform	ND	6.0	0.83	ug/Kg	04/11/14	U	SW8260
Bromomethane	ND	6.0	4.6	ug/Kg	04/11/14	U	SW8260
Carbon Disulfide	1.6	J	6.0	0.97	ug/Kg	U	SW8260
Carbon tetrachloride	ND	6.0	0.69	ug/Kg	04/11/14	U	SW8260
Chlorobenzene	ND	6.0	0.88	ug/Kg	04/11/14	U	SW8260
Chloroethane	ND	6.0	1.4	ug/Kg	04/11/14	U	SW8260
Chloroform	ND	6.0	1.1	ug/Kg	04/11/14	U	SW8260
Chloromethane	ND	6.0	3.1	ug/Kg	04/11/14	U	SW8260
cis-1,2-Dichloroethene	ND	6.0	1.3	ug/Kg	04/11/14	U	SW8260
cis-1,3-Dichloropropene	ND	6.0	0.64	ug/Kg	04/11/14	U	SW8260
Dibromochloromethane	ND	6.0	0.67	ug/Kg	04/11/14	U	SW8260
Dibromomethane	ND	6.0	0.75	ug/Kg	04/11/14	U	SW8260
Dichlorodifluoromethane	ND	6.0	1.6	ug/Kg	04/11/14	U	SW8260
Ethylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	U	SW8260
Hexachlorobutadiene	ND	6.0	1.3	ug/Kg	04/11/14	U	SW8260
Isopropylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	U	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
m&p-Xylene	ND	6.0	2.3	ug/Kg	04/11/14	U	SW8260
Methyl Ethyl Ketone	7.3	J 36	5.2	ug/Kg	04/11/14	U	SW8260
Methyl t-butyl ether (MTBE)	ND	12	1.6	ug/Kg	04/11/14	U	SW8260
Methylene chloride	ND	6.0	0.98	ug/Kg	04/11/14	U	SW8260
Naphthalene	ND	6.0	1.6	ug/Kg	04/11/14	U	SW8260
n-Butylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	U	SW8260
n-Propylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	U	SW8260
o-Xylene	ND	6.0	2.3	ug/Kg	04/11/14	U	SW8260
p-Isopropyltoluene	ND	6.0	0.86	ug/Kg	04/11/14	U	SW8260
sec-Butylbenzene	ND	6.0	1.1	ug/Kg	04/11/14	U	SW8260
Styrene	ND	6.0	1.7	ug/Kg	04/11/14	U	SW8260
tert-Butylbenzene	ND	6.0	0.95	ug/Kg	04/11/14	U	SW8260
Tetrachloroethene	ND	6.0	1.3	ug/Kg	04/11/14	U	SW8260
Tetrahydrofuran (THF)	ND	12	5.4	ug/Kg	04/11/14	U	SW8260
Toluene	ND	6.0	0.94	ug/Kg	04/11/14	U	SW8260
trans-1,2-Dichloroethene	ND	6.0	1.2	ug/Kg	04/11/14	U	SW8260
trans-1,3-Dichloropropene	ND	6.0	1.2	ug/Kg	04/11/14	U	SW8260
trans-1,4-dichloro-2-butene	ND	12	11	ug/Kg	04/11/14	U	SW8260
Trichloroethene	ND	6.0	1.3	ug/Kg	04/11/14	U	SW8260
Trichlorofluoromethane	ND	6.0	1.3	ug/Kg	04/11/14	U	SW8260
Trichlorotrifluoroethane	ND	6.0	0.93	ug/Kg	04/11/14	U	SW8260
Vinyl chloride	ND	6.0	1.9	ug/Kg	04/11/14	U	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	04/11/14	U	70 - 121 %
% Bromofluorobenzene	90			%	04/11/14	U	59 - 113 %
% Dibromofluoromethane	100			%	04/11/14	U	70 - 130 %
% Toluene-d8	97			%	04/11/14	U	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	550	270	ug/Kg	04/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	550	240	ug/Kg	04/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	550	220	ug/Kg	04/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	550	250	ug/Kg	04/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	550	230	ug/Kg	04/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	550	230	ug/Kg	04/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	550	430	ug/Kg	04/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	550	250	ug/Kg	04/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	550	270	ug/Kg	04/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	550	190	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	3900	550	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	550	310	ug/Kg	04/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	550	250	ug/Kg	04/09/14	DD	SW 8270
2-Chloronaphthalene	ND	550	220	ug/Kg	04/09/14	DD	SW 8270
2-Chlorophenol	ND	550	220	ug/Kg	04/09/14	DD	SW 8270
2-Methylnaphthalene	ND	550	230	ug/Kg	04/09/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	330	330	ug/Kg	04/09/14	DD	SW 8270
2-Nitroaniline	ND	3900	790	ug/Kg	04/09/14	DD	SW 8270
2-Nitrophenol	ND	550	490	ug/Kg	04/09/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	550	310	ug/Kg	04/09/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1600	370	ug/Kg	04/09/14	DD	SW 8270

Client ID: B-SB2 7-9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
3-Nitroaniline	ND	3900	1700	ug/Kg	04/09/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	3900	840	ug/Kg	04/09/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	550	230	ug/Kg	04/09/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	550	270	ug/Kg	04/09/14	DD	SW 8270
4-Chloroaniline	ND	1600	360	ug/Kg	04/09/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	550	260	ug/Kg	04/09/14	DD	SW 8270
4-Nitroaniline	ND	3900	260	ug/Kg	04/09/14	DD	SW 8270
4-Nitrophenol	ND	3900	350	ug/Kg	04/09/14	DD	SW 8270
Acenaphthene	370	J 550	240	ug/Kg	04/09/14	DD	SW 8270
Acenaphthylene	ND	550	220	ug/Kg	04/09/14	DD	SW 8270
Acetophenone	ND	550	240	ug/Kg	04/09/14	DD	SW 8270
Aniline	ND	3900	1600	ug/Kg	04/09/14	DD	SW 8270
Anthracene	580	550	260	ug/Kg	04/09/14	DD	SW 8270
Benz(a)anthracene	890	550	260	ug/Kg	04/09/14	DD	SW 8270
Benzdine	ND	1600	460	ug/Kg	04/09/14	DD	SW 8270
Benzo(a)pyrene	700	550	250	ug/Kg	04/09/14	DD	SW 8270
Benzo(b)fluoranthene	860	550	270	ug/Kg	04/09/14	DD	SW 8270
Benzo(ghi)perylene	330	J 550	250	ug/Kg	04/09/14	DD	SW 8270
Benzo(k)fluoranthene	330	J 550	260	ug/Kg	04/09/14	DD	SW 8270
Benzoic acid	ND	3900	1600	ug/Kg	04/09/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	550	200	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	550	220	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	550	210	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	550	220	ug/Kg	04/09/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	550	220	ug/Kg	04/09/14	DD	SW 8270
Carbazole	ND	3900	590	ug/Kg	04/09/14	DD	SW 8270
Chrysene	890	550	260	ug/Kg	04/09/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	330	250	ug/Kg	04/09/14	DD	SW 8270
Dibenzofuran	ND	550	230	ug/Kg	04/09/14	DD	SW 8270
Diethyl phthalate	ND	550	250	ug/Kg	04/09/14	DD	SW 8270
Dimethylphthalate	ND	550	240	ug/Kg	04/09/14	DD	SW 8270
Di-n-butylphthalate	ND	550	210	ug/Kg	04/09/14	DD	SW 8270
Di-n-octylphthalate	ND	550	200	ug/Kg	04/09/14	DD	SW 8270
Fluoranthene	2400	550	250	ug/Kg	04/09/14	DD	SW 8270
Fluorene	340	J 550	260	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobenzene	ND	550	230	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobutadiene	ND	550	280	ug/Kg	04/09/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	550	240	ug/Kg	04/09/14	DD	SW 8270
Hexachloroethane	ND	550	230	ug/Kg	04/09/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	320	J 500	260	ug/Kg	04/09/14	DD	SW 8270
Isophorone	ND	550	220	ug/Kg	04/09/14	DD	SW 8270
Naphthalene	240	J 550	220	ug/Kg	04/09/14	DD	SW 8270
Nitrobenzene	ND	550	270	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodimethylamine	ND	550	220	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	550	250	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	550	300	ug/Kg	04/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	550	290	ug/Kg	04/09/14	DD	SW 8270
Pentachlorophenol	ND	550	290	ug/Kg	04/09/14	DD	SW 8270
Phenanthrene	2300	550	220	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	330	250	ug/Kg	04/09/14	DD	SW 8270
Pyrene	2000	550	270	ug/Kg	04/09/14	DD	SW 8270
Pyridine	ND	550	190	ug/Kg	04/09/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	81			%	04/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	32			%	04/09/14	DD	30 - 115 %
% 2-Fluorophenol	70			%	04/09/14	DD	25 - 121 %
% Nitrobenzene-d5	25			%	04/09/14	DD	23 - 120 %
% Phenol-d5	69			%	04/09/14	DD	24 - 113 %
% Terphenyl-d14	61			%	04/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

10:00
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29678

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: B-SB3 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	04/10/14	LK	SW6010
Aluminum	6120	36	7.2	mg/Kg	04/10/14	LK	SW6010
Arsenic	20.1	* 0.7	0.72	mg/Kg	04/10/14	LK	SW6010
Barium	64.6	0.7	0.14	mg/Kg	04/10/14	LK	SW6010
Beryllium	0.60	* 0.29	0.14	mg/Kg	04/10/14	LK	SW6010
Calcium	17200	36	33	mg/Kg	04/10/14	LK	SW6010
Cadmium	0.55	0.36	0.14	mg/Kg	04/10/14	LK	SW6010
Cobalt	4.59	0.36	0.14	mg/Kg	04/10/14	LK	SW6010
Chromium	24.6	0.36	0.14	mg/Kg	04/10/14	LK	SW6010
Copper	131	0.36	0.29	mg/kg	04/10/14	LK	SW6010
Iron	19500	* 36	36	mg/Kg	04/10/14	LK	SW6010
Mercury	0.30	0.07	0.04	mg/Kg	04/09/14	RS	SW-7471
Potassium	954	N 7	2.8	mg/Kg	04/10/14	LK	SW6010
Magnesium	2890	3.6	0.22	mg/Kg	04/10/14	LK	SW6010
Manganese	198	N 3.6	1.4	mg/Kg	04/10/14	LK	SW6010
Sodium	168	7	3.1	mg/Kg	04/10/14	LK	SW6010
Nickel	14.9	0.36	0.14	mg/Kg	04/10/14	LK	SW6010
Lead	185	N 7.2	2.2	mg/Kg	04/10/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	04/10/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	04/10/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	04/10/14	LK	SW6010
Vanadium	28.6	0.4	0.14	mg/Kg	04/10/14	LK	SW6010
Zinc	113	N 0.7	0.36	mg/Kg	04/10/14	LK	SW6010
Percent Solid	90			%	04/08/14	I	E160.3
Soil Extraction for PCB	Completed				04/08/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/08/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/08/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/09/14	I/I	SW7471

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/08/14	CB/AG	SW846 - 3050
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	04/09/14	AW	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	93			%	04/09/14	AW	30 - 150 %
% TCMX	71			%	04/09/14	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.6	2.6	ug/Kg	04/11/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	04/11/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	04/11/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	04/11/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	04/11/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	04/11/14	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	04/11/14	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	04/11/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	04/11/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	04/11/14	MH	SW8081
Heptachlor	ND	3.6	3.6	ug/Kg	04/11/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	04/11/14	MH	SW8081
Methoxychlor	ND	14	14	ug/Kg	04/11/14	MH	SW8081
Toxaphene	ND	180	180	ug/Kg	04/11/14	MH	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	110			%	04/11/14	MH	30 - 150 %
% TCMX	72			%	04/11/14	MH	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	280	46	ug/Kg	04/11/14	JLI	SW8260
1,1,1-Trichloroethane	ND	280	56	ug/Kg	04/11/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	280	39	ug/Kg	04/11/14	JLI	SW8260
1,1,2-Trichloroethane	ND	280	27	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloroethane	ND	280	55	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloroethene	ND	280	61	ug/Kg	04/11/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	280	54	ug/Kg	04/11/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	280	56	ug/Kg	04/11/14	JLI	SW8260
1,2,3-Trichloropropane	ND	280	39	ug/Kg	04/11/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	280	56	ug/Kg	04/11/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	280	40	ug/Kg	04/11/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	280	74	ug/Kg	04/11/14	JLI	SW8260
1,2-Dibromoethane	ND	280	74	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichlorobenzene	ND	280	31	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichloroethane	ND	280	24	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichloropropane	ND	280	39	ug/Kg	04/11/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	280	37	ug/Kg	04/11/14	JLI	SW8260
1,3-Dichlorobenzene	ND	280	41	ug/Kg	04/11/14	JLI	SW8260
1,3-Dichloropropane	ND	280	29	ug/Kg	04/11/14	JLI	SW8260
1,4-Dichlorobenzene	ND	280	44	ug/Kg	04/11/14	JLI	SW8260
2,2-Dichloropropane	ND	280	47	ug/Kg	04/11/14	JLI	SW8260
2-Chlorotoluene	ND	280	44	ug/Kg	04/11/14	JLI	SW8260
2-Hexanone	ND	1400	130	ug/Kg	04/11/14	JLI	SW8260
2-Isopropyltoluene	ND	280	38	ug/Kg	04/11/14	JLI	SW8260
4-Chlorotoluene	ND	280	32	ug/Kg	04/11/14	JLI	SW8260
4-Methyl-2-pentanone	ND	1400	66	ug/Kg	04/11/14	JLI	SW8260
Acetone	ND	2800	280	ug/Kg	04/11/14	JLI	SW8260
Acrylonitrile	ND	560	160	ug/Kg	04/11/14	JLI	SW8260
Benzene	ND	280	55	ug/Kg	04/11/14	JLI	SW8260
Bromobenzene	ND	280	36	ug/Kg	04/11/14	JLI	SW8260
Bromochloromethane	ND	280	41	ug/Kg	04/11/14	JLI	SW8260
Bromodichloromethane	ND	280	34	ug/Kg	04/11/14	JLI	SW8260
Bromoform	ND	280	39	ug/Kg	04/11/14	JLI	SW8260
Bromomethane	ND	280	210	ug/Kg	04/11/14	JLI	SW8260
Carbon Disulfide	ND	280	45	ug/Kg	04/11/14	JLI	SW8260
Carbon tetrachloride	ND	280	32	ug/Kg	04/11/14	JLI	SW8260
Chlorobenzene	ND	280	41	ug/Kg	04/11/14	JLI	SW8260
Chloroethane	ND	280	65	ug/Kg	04/11/14	JLI	SW8260
Chloroform	ND	280	51	ug/Kg	04/11/14	JLI	SW8260
Chloromethane	ND	280	150	ug/Kg	04/11/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	280	61	ug/Kg	04/11/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	280	30	ug/Kg	04/11/14	JLI	SW8260
Dibromochloromethane	ND	280	31	ug/Kg	04/11/14	JLI	SW8260
Dibromomethane	ND	280	35	ug/Kg	04/11/14	JLI	SW8260
Dichlorodifluoromethane	ND	280	74	ug/Kg	04/11/14	JLI	SW8260
Ethylbenzene	ND	280	51	ug/Kg	04/11/14	JLI	SW8260
Hexachlorobutadiene	ND	280	58	ug/Kg	04/11/14	JLI	SW8260
Isopropylbenzene	ND	280	53	ug/Kg	04/11/14	JLI	SW8260
m&p-Xylene	ND	280	110	ug/Kg	04/11/14	JLI	SW8260
Methyl Ethyl Ketone	ND	1700	240	ug/Kg	04/11/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	560	77	ug/Kg	04/11/14	JLI	SW8260
Methylene chloride	46	JS 280	46	ug/Kg	04/11/14	JLI	SW8260
Naphthalene	ND	280	74	ug/Kg	04/11/14	JLI	SW8260
n-Butylbenzene	ND	280	51	ug/Kg	04/11/14	JLI	SW8260
n-Propylbenzene	ND	280	50	ug/Kg	04/11/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	280	110	ug/Kg	04/11/14	JLI	SW8260
p-Isopropyltoluene	ND	280	40	ug/Kg	04/11/14	JLI	SW8260
sec-Butylbenzene	ND	280	52	ug/Kg	04/11/14	JLI	SW8260
Styrene	ND	280	80	ug/Kg	04/11/14	JLI	SW8260
tert-Butylbenzene	ND	280	44	ug/Kg	04/11/14	JLI	SW8260
Tetrachloroethene	ND	280	58	ug/Kg	04/11/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	560	250	ug/Kg	04/11/14	JLI	SW8260
Toluene	ND	280	44	ug/Kg	04/11/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	280	56	ug/Kg	04/11/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	280	57	ug/Kg	04/11/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	560	520	ug/Kg	04/11/14	JLI	SW8260
Trichloroethene	ND	280	59	ug/Kg	04/11/14	JLI	SW8260
Trichlorofluoromethane	ND	280	62	ug/Kg	04/11/14	JLI	SW8260
Trichlorotrifluoroethane	ND	280	43	ug/Kg	04/11/14	JLI	SW8260
Vinyl chloride	ND	280	90	ug/Kg	04/11/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99			%	04/11/14	JLI	70 - 121 %
% Bromofluorobenzene	94			%	04/11/14	JLI	59 - 113 %
% Dibromofluoromethane	96			%	04/11/14	JLI	70 - 130 %
% Toluene-d8	98			%	04/11/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	510	260	ug/Kg	04/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	510	220	ug/Kg	04/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	510	200	ug/Kg	04/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	510	240	ug/Kg	04/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	510	210	ug/Kg	04/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	510	210	ug/Kg	04/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	510	400	ug/Kg	04/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	510	230	ug/Kg	04/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	510	260	ug/Kg	04/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	510	180	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	3600	510	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	510	290	ug/Kg	04/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	510	230	ug/Kg	04/09/14	DD	SW 8270
2-Chloronaphthalene	ND	510	210	ug/Kg	04/09/14	DD	SW 8270
2-Chlorophenol	ND	510	210	ug/Kg	04/09/14	DD	SW 8270
2-Methylnaphthalene	ND	510	220	ug/Kg	04/09/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	330	330	ug/Kg	04/09/14	DD	SW 8270
2-Nitroaniline	ND	3600	730	ug/Kg	04/09/14	DD	SW 8270
2-Nitrophenol	ND	510	460	ug/Kg	04/09/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	510	290	ug/Kg	04/09/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1500	340	ug/Kg	04/09/14	DD	SW 8270
3-Nitroaniline	ND	3600	1600	ug/Kg	04/09/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	3600	780	ug/Kg	04/09/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	510	210	ug/Kg	04/09/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	510	260	ug/Kg	04/09/14	DD	SW 8270
4-Chloroaniline	ND	1500	340	ug/Kg	04/09/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	510	240	ug/Kg	04/09/14	DD	SW 8270
4-Nitroaniline	ND	3600	240	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	3600	330	ug/Kg	04/09/14	DD	SW 8270
Acenaphthene	280	J 510	220	ug/Kg	04/09/14	DD	SW 8270
Acenaphthylene	ND	510	200	ug/Kg	04/09/14	DD	SW 8270
Acetophenone	ND	510	230	ug/Kg	04/09/14	DD	SW 8270
Aniline	ND	3600	1500	ug/Kg	04/09/14	DD	SW 8270
Anthracene	710	510	240	ug/Kg	04/09/14	DD	SW 8270
Benz(a)anthracene	1800	510	240	ug/Kg	04/09/14	DD	SW 8270
Benzidine	ND	1500	430	ug/Kg	04/09/14	DD	SW 8270
Benzo(a)pyrene	1500	510	240	ug/Kg	04/09/14	DD	SW 8270
Benzo(b)fluoranthene	2000	510	250	ug/Kg	04/09/14	DD	SW 8270
Benzo(ghi)perylene	560	510	240	ug/Kg	04/09/14	DD	SW 8270
Benzo(k)fluoranthene	640	510	240	ug/Kg	04/09/14	DD	SW 8270
Benzoic acid	ND	3600	1500	ug/Kg	04/09/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	510	190	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	510	200	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	510	200	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	510	200	ug/Kg	04/09/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	510	210	ug/Kg	04/09/14	DD	SW 8270
Carbazole	ND	3600	550	ug/Kg	04/09/14	DD	SW 8270
Chrysene	1800	510	240	ug/Kg	04/09/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	330	240	ug/Kg	04/09/14	DD	SW 8270
Dibenzofuran	220	J 510	210	ug/Kg	04/09/14	DD	SW 8270
Diethyl phthalate	ND	510	230	ug/Kg	04/09/14	DD	SW 8270
Dimethylphthalate	ND	510	230	ug/Kg	04/09/14	DD	SW 8270
Di-n-butylphthalate	ND	510	190	ug/Kg	04/09/14	DD	SW 8270
Di-n-octylphthalate	ND	510	190	ug/Kg	04/09/14	DD	SW 8270
Fluoranthene	4000	510	240	ug/Kg	04/09/14	DD	SW 8270
Fluorene	270	J 510	240	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobenzene	ND	510	210	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobutadiene	ND	510	260	ug/Kg	04/09/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	510	220	ug/Kg	04/09/14	DD	SW 8270
Hexachloroethane	ND	510	220	ug/Kg	04/09/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	540	510	240	ug/Kg	04/09/14	DD	SW 8270
Isophorone	ND	510	200	ug/Kg	04/09/14	DD	SW 8270
Naphthalene	260	J 510	210	ug/Kg	04/09/14	DD	SW 8270
Nitrobenzene	ND	510	250	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodimethylamine	ND	510	200	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	510	240	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	510	280	ug/Kg	04/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	510	270	ug/Kg	04/09/14	DD	SW 8270
Pentachlorophenol	ND	510	270	ug/Kg	04/09/14	DD	SW 8270
Phenanthrene	3000	510	210	ug/Kg	04/09/14	DD	SW 8270
Phenol	ND	330	230	ug/Kg	04/09/14	DD	SW 8270
Pyrene	3400	510	250	ug/Kg	04/09/14	DD	SW 8270
Pyridine	ND	510	180	ug/Kg	04/09/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	86			%	04/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	50			%	04/09/14	DD	30 - 115 %
% 2-Fluorophenol	71			%	04/09/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	50			%	04/09/14	DD	23 - 120 %
% Phenol-d5	68			%	04/09/14	DD	24 - 113 %
% Terphenyl-d14	58			%	04/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

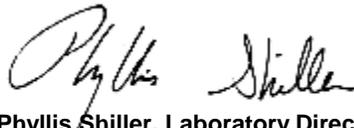
Volatile Comment:

**Surrogate recoveries as well as internal standard responses were outside control limits for volatiles. Sample was analyzed twice with similar results indicating matrix interference. Elevated reporting limits for volatiles due to dilution for sample matrix.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

10:20
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29679

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: B-SB3 9-11

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	04/10/14	LK	SW6010
Aluminum	8930	36	7.3	mg/Kg	04/10/14	LK	SW6010
Arsenic	9.0	* 0.7	0.73	mg/Kg	04/10/14	LK	SW6010
Barium	78.6	0.7	0.15	mg/Kg	04/10/14	LK	SW6010
Beryllium	0.56	* 0.29	0.15	mg/Kg	04/10/14	LK	SW6010
Calcium	2830	3.6	3.3	mg/Kg	04/10/14	LK	SW6010
Cadmium	0.45	0.36	0.15	mg/Kg	04/10/14	LK	SW6010
Cobalt	10.3	0.36	0.15	mg/Kg	04/10/14	LK	SW6010
Chromium	24.6	0.36	0.15	mg/Kg	04/10/14	LK	SW6010
Copper	40.8	0.36	0.29	mg/kg	04/10/14	LK	SW6010
Iron	32900	* 36	36	mg/Kg	04/10/14	LK	SW6010
Mercury	0.09	0.08	0.05	mg/Kg	04/09/14	RS	SW-7471
Potassium	2750	N 7	2.8	mg/Kg	04/10/14	LK	SW6010
Magnesium	2630	3.6	0.22	mg/Kg	04/10/14	LK	SW6010
Manganese	329	N 3.6	1.5	mg/Kg	04/10/14	LK	SW6010
Sodium	97	7	3.1	mg/Kg	04/10/14	LK	SW6010
Nickel	15.9	0.36	0.15	mg/Kg	04/10/14	LK	SW6010
Lead	52.6	N 7.3	2.2	mg/Kg	04/10/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	04/10/14	LK	SW6010
Selenium	< 1.5	1.5	1.2	mg/Kg	04/10/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	04/10/14	LK	SW6010
Vanadium	41.3	0.4	0.15	mg/Kg	04/10/14	LK	SW6010
Zinc	56.2	N 0.7	0.36	mg/Kg	04/10/14	LK	SW6010
Percent Solid	86			%	04/08/14	I	E160.3
Soil Extraction for SVOA	Completed				04/08/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/09/14	I/I	SW7471
Total Metals Digest	Completed				04/08/14	CB/AG	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	0.94	ug/Kg	04/11/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.8	1.2	ug/Kg	04/11/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.8	0.82	ug/Kg	04/11/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.8	0.56	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloroethane	ND	5.8	1.1	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloroethene	ND	5.8	1.3	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloropropene	ND	5.8	1.1	ug/Kg	04/11/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	290	58	ug/Kg	04/11/14	JLI	SW8260
1,2,3-Trichloropropane	ND	290	41	ug/Kg	04/11/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	290	58	ug/Kg	04/11/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	290	42	ug/Kg	04/11/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	290	78	ug/Kg	04/11/14	JLI	SW8260
1,2-Dibromoethane	ND	5.8	1.5	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichlorobenzene	ND	290	32	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichloroethane	ND	5.8	0.51	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichloropropane	ND	5.8	0.82	ug/Kg	04/11/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	290	38	ug/Kg	04/11/14	JLI	SW8260
1,3-Dichlorobenzene	ND	290	43	ug/Kg	04/11/14	JLI	SW8260
1,3-Dichloropropane	ND	5.8	0.61	ug/Kg	04/11/14	JLI	SW8260
1,4-Dichlorobenzene	ND	290	46	ug/Kg	04/11/14	JLI	SW8260
2,2-Dichloropropane	ND	5.8	0.97	ug/Kg	04/11/14	JLI	SW8260
2-Chlorotoluene	ND	290	47	ug/Kg	04/11/14	JLI	SW8260
2-Hexanone	ND	29	2.6	ug/Kg	04/11/14	JLI	SW8260
2-Isopropyltoluene	ND	290	40	ug/Kg	04/11/14	JLI	SW8260
4-Chlorotoluene	ND	290	34	ug/Kg	04/11/14	JLI	SW8260
4-Methyl-2-pentanone	ND	29	1.4	ug/Kg	04/11/14	JLI	SW8260
Acetone	49 JS	50	5.7	ug/Kg	04/11/14	JLI	SW8260
Acrylonitrile	ND	12	3.2	ug/Kg	04/11/14	JLI	SW8260
Benzene	ND	5.8	1.1	ug/Kg	04/11/14	JLI	SW8260
Bromobenzene	ND	290	38	ug/Kg	04/11/14	JLI	SW8260
Bromochloromethane	ND	5.8	0.84	ug/Kg	04/11/14	JLI	SW8260
Bromodichloromethane	ND	5.8	0.71	ug/Kg	04/11/14	JLI	SW8260
Bromoform	ND	5.8	0.81	ug/Kg	04/11/14	JLI	SW8260
Bromomethane	ND	5.8	4.4	ug/Kg	04/11/14	JLI	SW8260
Carbon Disulfide	ND	5.8	0.93	ug/Kg	04/11/14	JLI	SW8260
Carbon tetrachloride	ND	5.8	0.67	ug/Kg	04/11/14	JLI	SW8260
Chlorobenzene	ND	5.8	0.85	ug/Kg	04/11/14	JLI	SW8260
Chloroethane	ND	5.8	1.3	ug/Kg	04/11/14	JLI	SW8260
Chloroform	ND	5.8	1.0	ug/Kg	04/11/14	JLI	SW8260
Chloromethane	ND	5.8	3.0	ug/Kg	04/11/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	5.8	1.3	ug/Kg	04/11/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	5.8	0.62	ug/Kg	04/11/14	JLI	SW8260
Dibromochloromethane	ND	5.8	0.64	ug/Kg	04/11/14	JLI	SW8260
Dibromomethane	ND	5.8	0.73	ug/Kg	04/11/14	JLI	SW8260
Dichlorodifluoromethane	ND	5.8	1.5	ug/Kg	04/11/14	JLI	SW8260
Ethylbenzene	ND	5.8	1.0	ug/Kg	04/11/14	JLI	SW8260
Hexachlorobutadiene	ND	290	61	ug/Kg	04/11/14	JLI	SW8260
Isopropylbenzene	ND	290	56	ug/Kg	04/11/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
m&p-Xylene	ND	5.8	2.3	ug/Kg	04/11/14	JLI	SW8260
Methyl Ethyl Ketone	6.1	J 35	5.0	ug/Kg	04/11/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	12	1.6	ug/Kg	04/11/14	JLI	SW8260
Methylene chloride	ND	5.8	0.94	ug/Kg	04/11/14	JLI	SW8260
Naphthalene	ND	290	78	ug/Kg	04/11/14	JLI	SW8260
n-Butylbenzene	ND	290	53	ug/Kg	04/11/14	JLI	SW8260
n-Propylbenzene	ND	290	52	ug/Kg	04/11/14	JLI	SW8260
o-Xylene	ND	5.8	2.2	ug/Kg	04/11/14	JLI	SW8260
p-Isopropyltoluene	ND	290	42	ug/Kg	04/11/14	JLI	SW8260
sec-Butylbenzene	ND	290	55	ug/Kg	04/11/14	JLI	SW8260
Styrene	ND	5.8	1.7	ug/Kg	04/11/14	JLI	SW8260
tert-Butylbenzene	ND	290	47	ug/Kg	04/11/14	JLI	SW8260
Tetrachloroethene	ND	5.8	1.2	ug/Kg	04/11/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	12	5.2	ug/Kg	04/11/14	JLI	SW8260
Toluene	ND	5.8	0.91	ug/Kg	04/11/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	5.8	1.2	ug/Kg	04/11/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	5.8	1.2	ug/Kg	04/11/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	580	540	ug/Kg	04/11/14	JLI	SW8260
Trichloroethene	ND	5.8	1.2	ug/Kg	04/11/14	JLI	SW8260
Trichlorofluoromethane	ND	5.8	1.3	ug/Kg	04/11/14	JLI	SW8260
Trichlorotrifluoroethane	ND	5.8	0.90	ug/Kg	04/11/14	JLI	SW8260
Vinyl chloride	ND	5.8	1.9	ug/Kg	04/11/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	04/11/14	JLI	70 - 121 %
% Bromofluorobenzene	93			%	04/11/14	JLI	59 - 113 %
% Dibromofluoromethane	95			%	04/11/14	JLI	70 - 130 %
% Toluene-d8	91			%	04/11/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	04/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	04/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	270	130	ug/Kg	04/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	270	94	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	270	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	270	150	ug/Kg	04/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
2-Chloronaphthalene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
2-Chlorophenol	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
2-Methylnaphthalene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	04/09/14	DD	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	04/09/14	DD	SW 8270
2-Nitrophenol	ND	270	240	ug/Kg	04/09/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	04/09/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
3-Nitroaniline	ND	1900	830	ug/Kg	04/09/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	04/09/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	04/09/14	DD	SW 8270
4-Chloroaniline	ND	760	180	ug/Kg	04/09/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	04/09/14	DD	SW 8270
4-Nitroaniline	ND	1900	130	ug/Kg	04/09/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	04/09/14	DD	SW 8270
Acenaphthene	120	J 270	120	ug/Kg	04/09/14	DD	SW 8270
Acenaphthylene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
Acetophenone	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
Aniline	ND	1900	770	ug/Kg	04/09/14	DD	SW 8270
Anthracene	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
Benz(a)anthracene	230	J 270	130	ug/Kg	04/09/14	DD	SW 8270
Benzidine	ND	760	220	ug/Kg	04/09/14	DD	SW 8270
Benzo(a)pyrene	190	J 270	120	ug/Kg	04/09/14	DD	SW 8270
Benzo(b)fluoranthene	250	J 270	130	ug/Kg	04/09/14	DD	SW 8270
Benzo(ghi)perylene	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
Benzo(k)fluoranthene	ND	270	130	ug/Kg	04/09/14	DD	SW 8270
Benzoic acid	ND	1900	760	ug/Kg	04/09/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	270	98	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	100	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	04/09/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
Carbazole	ND	1900	290	ug/Kg	04/09/14	DD	SW 8270
Chrysene	280	270	130	ug/Kg	04/09/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
Dibenzofuran	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
Diethyl phthalate	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
Dimethylphthalate	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
Di-n-butylphthalate	ND	270	100	ug/Kg	04/09/14	DD	SW 8270
Di-n-octylphthalate	ND	270	98	ug/Kg	04/09/14	DD	SW 8270
Fluoranthene	510	270	120	ug/Kg	04/09/14	DD	SW 8270
Fluorene	ND	270	130	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobenzene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobutadiene	ND	270	140	ug/Kg	04/09/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
Hexachloroethane	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	04/09/14	DD	SW 8270
Isophorone	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
Naphthalene	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
Nitrobenzene	ND	270	130	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodimethylamine	ND	270	110	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	04/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	270	140	ug/Kg	04/09/14	DD	SW 8270
Pentachlorophenol	ND	270	140	ug/Kg	04/09/14	DD	SW 8270
Phenanthrene	390	270	110	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	270	120	ug/Kg	04/09/14	DD	SW 8270
Pyrene	450	270	130	ug/Kg	04/09/14	DD	SW 8270
Pyridine	ND	270	94	ug/Kg	04/09/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	92			%	04/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	48			%	04/09/14	DD	30 - 115 %
% 2-Fluorophenol	72			%	04/09/14	DD	25 - 121 %
% Nitrobenzene-d5	42			%	04/09/14	DD	23 - 120 %
% Phenol-d5	72			%	04/09/14	DD	24 - 113 %
% Terphenyl-d14	62			%	04/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

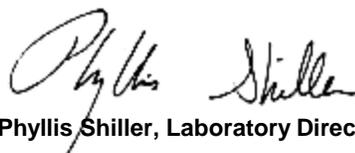
Volatile Comment:

There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

11:00
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29680

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: B-SB5 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	04/10/14	LK	SW6010
Aluminum	4840	37	7.5	mg/Kg	04/10/14	LK	SW6010
Arsenic	51.6 *	0.7	0.75	mg/Kg	04/10/14	LK	SW6010
Barium	140	0.7	0.15	mg/Kg	04/10/14	LK	SW6010
Beryllium	0.50 *	0.30	0.15	mg/Kg	04/10/14	LK	SW6010
Calcium	50300	37	34	mg/Kg	04/10/14	LK	SW6010
Cadmium	1.12	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Cobalt	4.01	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Chromium	22.1	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Copper	787	3.7	3.0	mg/kg	04/10/14	LK	SW6010
Iron	24800 *	37	37	mg/Kg	04/10/14	LK	SW6010
Mercury	0.50	0.06	0.04	mg/Kg	04/09/14	RS	SW-7471
Potassium	889	N 7	2.9	mg/Kg	04/10/14	LK	SW6010
Magnesium	2330	3.7	0.22	mg/Kg	04/10/14	LK	SW6010
Manganese	118	N 0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Sodium	274	7	3.2	mg/Kg	04/10/14	LK	SW6010
Nickel	51.2	0.37	0.15	mg/Kg	04/10/14	LK	SW6010
Lead	586	N 7.5	2.2	mg/Kg	04/10/14	LK	SW6010
Antimony	5.3	1.9	1.9	mg/Kg	04/10/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	04/10/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	04/10/14	LK	SW6010
Vanadium	35.5	0.4	0.15	mg/Kg	04/10/14	LK	SW6010
Zinc	194	N 7.5	3.7	mg/Kg	04/10/14	LK	SW6010
Percent Solid	88			%	04/08/14	I	E160.3
Soil Extraction for PCB	Completed				04/08/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/08/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/08/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/09/14	I/I	SW7471

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/08/14	CB/AG	SW846 - 3050
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	38	38	ug/Kg	04/09/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	04/09/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	04/09/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	04/09/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	04/09/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	04/09/14	AW	SW 8082
PCB-1260	60	38	38	ug/Kg	04/09/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	04/09/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	04/09/14	AW	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	93			%	04/09/14	AW	30 - 150 %
% TCMX	80			%	04/09/14	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	27	27	ug/Kg	04/11/14	MH	SW8081
4,4' -DDE	ND	27	27	ug/Kg	04/11/14	MH	SW8081
4,4' -DDT	ND	27	27	ug/Kg	04/11/14	MH	SW8081
a-BHC	ND	19	19	ug/Kg	04/11/14	MH	SW8081
a-Chlordane	ND	38	38	ug/Kg	04/11/14	MH	SW8081
Aldrin	ND	19	19	ug/Kg	04/11/14	MH	SW8081
b-BHC	ND	19	19	ug/Kg	04/11/14	MH	SW8081
Chlordane	ND	230	230	ug/Kg	04/11/14	MH	SW8081
d-BHC	ND	19	19	ug/Kg	04/11/14	MH	SW8081
Dieldrin	ND	19	19	ug/Kg	04/11/14	MH	SW8081
Endosulfan I	ND	38	38	ug/Kg	04/11/14	MH	SW8081
Endosulfan II	ND	38	38	ug/Kg	04/11/14	MH	SW8081
Endosulfan sulfate	ND	38	38	ug/Kg	04/11/14	MH	SW8081
Endrin	ND	19	19	ug/Kg	04/11/14	MH	SW8081
Endrin aldehyde	ND	38	38	ug/Kg	04/11/14	MH	SW8081
Endrin ketone	ND	19	19	ug/Kg	04/11/14	MH	SW8081
g-BHC	ND	19	19	ug/Kg	04/11/14	MH	SW8081
g-Chlordane	ND	38	38	ug/Kg	04/11/14	MH	SW8081
Heptachlor	ND	19	19	ug/Kg	04/11/14	MH	SW8081
Heptachlor epoxide	ND	19	19	ug/Kg	04/11/14	MH	SW8081
Methoxychlor	ND	76	76	ug/Kg	04/11/14	MH	SW8081
Toxaphene	ND	1900	1900	ug/Kg	04/11/14	MH	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out			%	04/11/14	MH	30 - 150 %
% TCMX	Diluted Out			%	04/11/14	MH	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.7	0.94	ug/Kg	04/11/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.7	1.1	ug/Kg	04/11/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	0.81	ug/Kg	04/11/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.7	0.56	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	04/11/14	JLI	SW8260
1,1-Dichloroethene	ND	5.7	1.3	ug/Kg	04/11/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	5.7	1.1	ug/Kg	04/11/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	280	57	ug/Kg	04/11/14	JLI	SW8260
1,2,3-Trichloropropane	ND	280	40	ug/Kg	04/11/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	280	57	ug/Kg	04/11/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	280	41	ug/Kg	04/11/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	280	76	ug/Kg	04/11/14	JLI	SW8260
1,2-Dibromoethane	ND	5.7	1.5	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichlorobenzene	ND	280	31	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichloroethane	ND	5.7	0.51	ug/Kg	04/11/14	JLI	SW8260
1,2-Dichloropropane	ND	5.7	0.81	ug/Kg	04/11/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	280	38	ug/Kg	04/11/14	JLI	SW8260
1,3-Dichlorobenzene	ND	280	42	ug/Kg	04/11/14	JLI	SW8260
1,3-Dichloropropane	ND	5.7	0.61	ug/Kg	04/11/14	JLI	SW8260
1,4-Dichlorobenzene	ND	280	45	ug/Kg	04/11/14	JLI	SW8260
2,2-Dichloropropane	ND	5.7	0.96	ug/Kg	04/11/14	JLI	SW8260
2-Chlorotoluene	ND	280	45	ug/Kg	04/11/14	JLI	SW8260
2-Hexanone	ND	29	2.6	ug/Kg	04/11/14	JLI	SW8260
2-Isopropyltoluene	ND	280	39	ug/Kg	04/11/14	JLI	SW8260
4-Chlorotoluene	ND	280	33	ug/Kg	04/11/14	JLI	SW8260
4-Methyl-2-pentanone	ND	29	1.4	ug/Kg	04/11/14	JLI	SW8260
Acetone	ND	50	5.7	ug/Kg	04/11/14	JLI	SW8260
Acrylonitrile	ND	11	3.2	ug/Kg	04/11/14	JLI	SW8260
Benzene	ND	5.7	1.1	ug/Kg	04/11/14	JLI	SW8260
Bromobenzene	ND	280	37	ug/Kg	04/11/14	JLI	SW8260
Bromochloromethane	ND	5.7	0.84	ug/Kg	04/11/14	JLI	SW8260
Bromodichloromethane	ND	5.7	0.71	ug/Kg	04/11/14	JLI	SW8260
Bromoform	ND	5.7	0.80	ug/Kg	04/11/14	JLI	SW8260
Bromomethane	ND	5.7	4.4	ug/Kg	04/11/14	JLI	SW8260
Carbon Disulfide	1.1	J 5.7	0.93	ug/Kg	04/11/14	JLI	SW8260
Carbon tetrachloride	ND	5.7	0.67	ug/Kg	04/11/14	JLI	SW8260
Chlorobenzene	ND	5.7	0.85	ug/Kg	04/11/14	JLI	SW8260
Chloroethane	ND	5.7	1.3	ug/Kg	04/11/14	JLI	SW8260
Chloroform	ND	5.7	1.0	ug/Kg	04/11/14	JLI	SW8260
Chloromethane	ND	5.7	3.0	ug/Kg	04/11/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	5.7	1.3	ug/Kg	04/11/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	5.7	0.62	ug/Kg	04/11/14	JLI	SW8260
Dibromochloromethane	ND	5.7	0.64	ug/Kg	04/11/14	JLI	SW8260
Dibromomethane	ND	5.7	0.72	ug/Kg	04/11/14	JLI	SW8260
Dichlorodifluoromethane	ND	5.7	1.5	ug/Kg	04/11/14	JLI	SW8260
Ethylbenzene	ND	5.7	1.0	ug/Kg	04/11/14	JLI	SW8260
Hexachlorobutadiene	ND	280	60	ug/Kg	04/11/14	JLI	SW8260
Isopropylbenzene	ND	280	55	ug/Kg	04/11/14	JLI	SW8260
m&p-Xylene	ND	5.7	2.3	ug/Kg	04/11/14	JLI	SW8260
Methyl Ethyl Ketone	ND	34	5.0	ug/Kg	04/11/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.6	ug/Kg	04/11/14	JLI	SW8260
Methylene chloride	ND	5.7	0.94	ug/Kg	04/11/14	JLI	SW8260
Naphthalene	ND	280	76	ug/Kg	04/11/14	JLI	SW8260
n-Butylbenzene	ND	280	52	ug/Kg	04/11/14	JLI	SW8260
n-Propylbenzene	ND	280	51	ug/Kg	04/11/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.7	2.2	ug/Kg	04/11/14	JLI	SW8260
p-Isopropyltoluene	ND	280	41	ug/Kg	04/11/14	JLI	SW8260
sec-Butylbenzene	ND	280	53	ug/Kg	04/11/14	JLI	SW8260
Styrene	ND	5.7	1.7	ug/Kg	04/11/14	JLI	SW8260
tert-Butylbenzene	ND	280	45	ug/Kg	04/11/14	JLI	SW8260
Tetrachloroethene	ND	5.7	1.2	ug/Kg	04/11/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	11	5.2	ug/Kg	04/11/14	JLI	SW8260
Toluene	ND	5.7	0.91	ug/Kg	04/11/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	5.7	1.1	ug/Kg	04/11/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	5.7	1.2	ug/Kg	04/11/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	570	530	ug/Kg	04/11/14	JLI	SW8260
Trichloroethene	ND	5.7	1.2	ug/Kg	04/11/14	JLI	SW8260
Trichlorofluoromethane	ND	5.7	1.3	ug/Kg	04/11/14	JLI	SW8260
Trichlorotrifluoroethane	ND	5.7	0.90	ug/Kg	04/11/14	JLI	SW8260
Vinyl chloride	ND	5.7	1.9	ug/Kg	04/11/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	04/11/14	JLI	70 - 121 %
% Bromofluorobenzene	95			%	04/11/14	JLI	59 - 113 %
% Dibromofluoromethane	101			%	04/11/14	JLI	70 - 130 %
% Toluene-d8	87			%	04/11/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	6400	3200	ug/Kg	04/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	6400	2800	ug/Kg	04/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	6400	3000	ug/Kg	04/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	6400	2700	ug/Kg	04/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	6400	2700	ug/Kg	04/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	6400	5000	ug/Kg	04/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	6400	2900	ug/Kg	04/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	6400	3200	ug/Kg	04/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	6400	2300	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	46000	6400	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	6400	3600	ug/Kg	04/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	6400	2900	ug/Kg	04/09/14	DD	SW 8270
2-Chloronaphthalene	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
2-Chlorophenol	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
2-Methylnaphthalene	ND	6400	2700	ug/Kg	04/09/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	6400	4300	ug/Kg	04/09/14	DD	SW 8270
2-Nitroaniline	ND	46000	9300	ug/Kg	04/09/14	DD	SW 8270
2-Nitrophenol	ND	6400	5800	ug/Kg	04/09/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	6400	3600	ug/Kg	04/09/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	18000	4300	ug/Kg	04/09/14	DD	SW 8270
3-Nitroaniline	ND	46000	20000	ug/Kg	04/09/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	46000	9900	ug/Kg	04/09/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	6400	2700	ug/Kg	04/09/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	6400	3200	ug/Kg	04/09/14	DD	SW 8270
4-Chloroaniline	ND	18000	4300	ug/Kg	04/09/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	6400	3100	ug/Kg	04/09/14	DD	SW 8270
4-Nitroaniline	ND	46000	3100	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	46000	4200	ug/Kg	04/09/14	DD	SW 8270
Acenaphthene	ND	6400	2800	ug/Kg	04/09/14	DD	SW 8270
Acenaphthylene	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
Acetophenone	ND	6400	2900	ug/Kg	04/09/14	DD	SW 8270
Aniline	ND	46000	19000	ug/Kg	04/09/14	DD	SW 8270
Anthracene	ND	6400	3000	ug/Kg	04/09/14	DD	SW 8270
Benz(a)anthracene	ND	6400	3100	ug/Kg	04/09/14	DD	SW 8270
Benzidine	ND	18000	5400	ug/Kg	04/09/14	DD	SW 8270
Benzo(a)pyrene	ND	6400	3000	ug/Kg	04/09/14	DD	SW 8270
Benzo(b)fluoranthene	ND	6400	3100	ug/Kg	04/09/14	DD	SW 8270
Benzo(ghi)perylene	ND	6400	3000	ug/Kg	04/09/14	DD	SW 8270
Benzo(k)fluoranthene	ND	6400	3100	ug/Kg	04/09/14	DD	SW 8270
Benzoic acid	ND	46000	18000	ug/Kg	04/09/14	DD	SW 8270
Benzyl butyl phthalate	ND	6400	2400	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	6400	2500	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	6400	2500	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
Carbazole	ND	46000	7000	ug/Kg	04/09/14	DD	SW 8270
Chrysene	ND	6400	3100	ug/Kg	04/09/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	6400	3000	ug/Kg	04/09/14	DD	SW 8270
Dibenzofuran	ND	6400	2700	ug/Kg	04/09/14	DD	SW 8270
Diethyl phthalate	ND	6400	2900	ug/Kg	04/09/14	DD	SW 8270
Dimethylphthalate	ND	6400	2800	ug/Kg	04/09/14	DD	SW 8270
Di-n-butylphthalate	ND	6400	2400	ug/Kg	04/09/14	DD	SW 8270
Di-n-octylphthalate	ND	6400	2400	ug/Kg	04/09/14	DD	SW 8270
Fluoranthene	ND	6400	3000	ug/Kg	04/09/14	DD	SW 8270
Fluorene	ND	6400	3000	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobenzene	ND	6400	2700	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobutadiene	ND	6400	3300	ug/Kg	04/09/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	6400	2800	ug/Kg	04/09/14	DD	SW 8270
Hexachloroethane	ND	6400	2800	ug/Kg	04/09/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	6400	3100	ug/Kg	04/09/14	DD	SW 8270
Isophorone	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
Naphthalene	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
Nitrobenzene	ND	6400	3200	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodimethylamine	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	6400	3000	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	6400	3500	ug/Kg	04/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	6400	3400	ug/Kg	04/09/14	DD	SW 8270
Pentachlorophenol	ND	6400	3500	ug/Kg	04/09/14	DD	SW 8270
Phenanthrene	ND	6400	2600	ug/Kg	04/09/14	DD	SW 8270
Phenol	ND	6400	2900	ug/Kg	04/09/14	DD	SW 8270
Pyrene	ND	6400	3200	ug/Kg	04/09/14	DD	SW 8270
Pyridine	ND	6400	2300	ug/Kg	04/09/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	*Diluted Out			%	04/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	*Diluted Out			%	04/09/14	DD	30 - 115 %
% 2-Fluorophenol	*Diluted Out			%	04/09/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	*Diluted Out			%	04/09/14	DD	23 - 120 %
% Phenol-d5	*Diluted Out			%	04/09/14	DD	24 - 113 %
% Terphenyl-d14	*Diluted Out			%	04/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Volatile Comment:

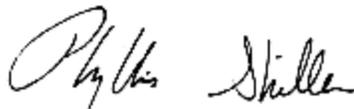
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the pesticide analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

11:20
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29681

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: B-SB5 7-9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	0.39	mg/Kg	04/10/14	LK	SW6010
Aluminum	10300	39	7.9	mg/Kg	04/10/14	LK	SW6010
Arsenic	2.3	* 0.8	0.79	mg/Kg	04/10/14	LK	SW6010
Barium	57.0	0.8	0.16	mg/Kg	04/10/14	LK	SW6010
Beryllium	0.48	* 0.32	0.16	mg/Kg	04/10/14	LK	SW6010
Calcium	1320	3.9	3.6	mg/Kg	04/10/14	LK	SW6010
Cadmium	0.46	0.39	0.16	mg/Kg	04/10/14	LK	SW6010
Cobalt	7.71	0.39	0.16	mg/Kg	04/10/14	LK	SW6010
Chromium	24.0	0.39	0.16	mg/Kg	04/10/14	LK	SW6010
Copper	30.3	0.39	0.32	mg/kg	04/10/14	LK	SW6010
Iron	38200	* 39	39	mg/Kg	04/10/14	LK	SW6010
Mercury	< 0.09	0.09	0.05	mg/Kg	04/09/14	RS	SW-7471
Potassium	1410	N 8	3.1	mg/Kg	04/10/14	LK	SW6010
Magnesium	2480	3.9	0.24	mg/Kg	04/10/14	LK	SW6010
Manganese	330	N 3.9	1.6	mg/Kg	04/10/14	LK	SW6010
Sodium	84	8	3.4	mg/Kg	04/10/14	LK	SW6010
Nickel	21.2	0.39	0.16	mg/Kg	04/10/14	LK	SW6010
Lead	22.3	N 0.8	0.24	mg/Kg	04/10/14	LK	SW6010
Antimony	< 2.0	2.0	2.0	mg/Kg	04/10/14	LK	SW6010
Selenium	< 1.6	1.6	1.3	mg/Kg	04/10/14	LK	SW6010
Thallium	< 1.6	1.6	1.6	mg/Kg	04/10/14	LK	SW6010
Vanadium	37.0	0.4	0.16	mg/Kg	04/10/14	LK	SW6010
Zinc	101	N 0.8	0.39	mg/Kg	04/10/14	LK	SW6010
Percent Solid	88			%	04/08/14	I	E160.3
Soil Extraction for SVOA	Completed				04/08/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/09/14	I/I	SW7471
Total Metals Digest	Completed				04/08/14	CB/AG	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.6	0.91	ug/Kg	04/11/14	U	SW8260
1,1,1-Trichloroethane	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	0.79	ug/Kg	04/11/14	U	SW8260
1,1,2-Trichloroethane	ND	5.6	0.55	ug/Kg	04/11/14	U	SW8260
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260
1,1-Dichloroethene	ND	5.6	1.2	ug/Kg	04/11/14	U	SW8260
1,1-Dichloropropene	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260
1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260
1,2,3-Trichloropropane	ND	5.6	0.79	ug/Kg	04/11/14	U	SW8260
1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260
1,2,4-Trimethylbenzene	ND	5.6	0.80	ug/Kg	04/11/14	U	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	1.5	ug/Kg	04/11/14	U	SW8260
1,2-Dibromoethane	ND	5.6	1.5	ug/Kg	04/11/14	U	SW8260
1,2-Dichlorobenzene	ND	5.6	0.61	ug/Kg	04/11/14	U	SW8260
1,2-Dichloroethane	ND	5.6	0.49	ug/Kg	04/11/14	U	SW8260
1,2-Dichloropropane	ND	5.6	0.79	ug/Kg	04/11/14	U	SW8260
1,3,5-Trimethylbenzene	ND	5.6	0.74	ug/Kg	04/11/14	U	SW8260
1,3-Dichlorobenzene	ND	5.6	0.82	ug/Kg	04/11/14	U	SW8260
1,3-Dichloropropane	ND	5.6	0.59	ug/Kg	04/11/14	U	SW8260
1,4-Dichlorobenzene	ND	5.6	0.88	ug/Kg	04/11/14	U	SW8260
2,2-Dichloropropane	ND	5.6	0.94	ug/Kg	04/11/14	U	SW8260
2-Chlorotoluene	ND	5.6	0.89	ug/Kg	04/11/14	U	SW8260
2-Hexanone	ND	28	2.5	ug/Kg	04/11/14	U	SW8260
2-Isopropyltoluene	ND	5.6	0.77	ug/Kg	04/11/14	U	SW8260
4-Chlorotoluene	ND	5.6	0.65	ug/Kg	04/11/14	U	SW8260
4-Methyl-2-pentanone	ND	28	1.3	ug/Kg	04/11/14	U	SW8260
Acetone	ND	50	5.5	ug/Kg	04/11/14	U	SW8260
Acrylonitrile	ND	11	3.1	ug/Kg	04/11/14	U	SW8260
Benzene	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260
Bromobenzene	ND	5.6	0.72	ug/Kg	04/11/14	U	SW8260
Bromochloromethane	ND	5.6	0.81	ug/Kg	04/11/14	U	SW8260
Bromodichloromethane	ND	5.6	0.69	ug/Kg	04/11/14	U	SW8260
Bromoform	ND	5.6	0.78	ug/Kg	04/11/14	U	SW8260
Bromomethane	ND	5.6	4.3	ug/Kg	04/11/14	U	SW8260
Carbon Disulfide	ND	5.6	0.90	ug/Kg	04/11/14	U	SW8260
Carbon tetrachloride	ND	5.6	0.65	ug/Kg	04/11/14	U	SW8260
Chlorobenzene	ND	5.6	0.82	ug/Kg	04/11/14	U	SW8260
Chloroethane	ND	5.6	1.3	ug/Kg	04/11/14	U	SW8260
Chloroform	ND	5.6	1.0	ug/Kg	04/11/14	U	SW8260
Chloromethane	ND	5.6	2.9	ug/Kg	04/11/14	U	SW8260
cis-1,2-Dichloroethene	ND	5.6	1.2	ug/Kg	04/11/14	U	SW8260
cis-1,3-Dichloropropene	ND	5.6	0.60	ug/Kg	04/11/14	U	SW8260
Dibromochloromethane	ND	5.6	0.62	ug/Kg	04/11/14	U	SW8260
Dibromomethane	ND	5.6	0.70	ug/Kg	04/11/14	U	SW8260
Dichlorodifluoromethane	ND	5.6	1.5	ug/Kg	04/11/14	U	SW8260
Ethylbenzene	ND	5.6	1.0	ug/Kg	04/11/14	U	SW8260
Hexachlorobutadiene	ND	5.6	1.2	ug/Kg	04/11/14	U	SW8260
Isopropylbenzene	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
m&p-Xylene	ND	5.6	2.2	ug/Kg	04/11/14	U	SW8260
Methyl Ethyl Ketone	ND	33	4.8	ug/Kg	04/11/14	U	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	04/11/14	U	SW8260
Methylene chloride	ND	5.6	0.91	ug/Kg	04/11/14	U	SW8260
Naphthalene	ND	5.6	1.5	ug/Kg	04/11/14	U	SW8260
n-Butylbenzene	ND	5.6	1.0	ug/Kg	04/11/14	U	SW8260
n-Propylbenzene	ND	5.6	1.0	ug/Kg	04/11/14	U	SW8260
o-Xylene	ND	5.6	2.1	ug/Kg	04/11/14	U	SW8260
p-Isopropyltoluene	ND	5.6	0.80	ug/Kg	04/11/14	U	SW8260
sec-Butylbenzene	ND	5.6	1.0	ug/Kg	04/11/14	U	SW8260
Styrene	ND	5.6	1.6	ug/Kg	04/11/14	U	SW8260
tert-Butylbenzene	ND	5.6	0.89	ug/Kg	04/11/14	U	SW8260
Tetrachloroethene	ND	5.6	1.2	ug/Kg	04/11/14	U	SW8260
Tetrahydrofuran (THF)	ND	11	5.0	ug/Kg	04/11/14	U	SW8260
Toluene	ND	5.6	0.88	ug/Kg	04/11/14	U	SW8260
trans-1,2-Dichloroethene	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260
trans-1,3-Dichloropropene	ND	5.6	1.1	ug/Kg	04/11/14	U	SW8260
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	04/11/14	U	SW8260
Trichloroethene	ND	5.6	1.2	ug/Kg	04/11/14	U	SW8260
Trichlorofluoromethane	ND	5.6	1.2	ug/Kg	04/11/14	U	SW8260
Trichlorotrifluoroethane	ND	5.6	0.87	ug/Kg	04/11/14	U	SW8260
Vinyl chloride	ND	5.6	1.8	ug/Kg	04/11/14	U	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	04/11/14	U	70 - 121 %
% Bromofluorobenzene	94			%	04/11/14	U	59 - 113 %
% Dibromofluoromethane	98			%	04/11/14	U	70 - 130 %
% Toluene-d8	99			%	04/11/14	U	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	04/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	04/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	04/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	04/09/14	DD	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	04/09/14	DD	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	04/09/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	04/09/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
3-Nitroaniline	ND	1900	820	ug/Kg	04/09/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	04/09/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
4-Chloroaniline	ND	750	170	ug/Kg	04/09/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
4-Nitroaniline	ND	1900	130	ug/Kg	04/09/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	04/09/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	04/09/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Aniline	ND	1900	760	ug/Kg	04/09/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
Benzidine	ND	750	220	ug/Kg	04/09/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	04/09/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	260	97	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	04/09/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	04/09/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
Carbazole	ND	1900	280	ug/Kg	04/09/14	DD	SW 8270
Chrysene	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	04/09/14	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	04/09/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	04/09/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	04/09/14	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	04/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	04/09/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	04/09/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	04/09/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	260	120	ug/Kg	04/09/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	04/09/14	DD	SW 8270
Pyridine	ND	260	92	ug/Kg	04/09/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	91			%	04/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	53			%	04/09/14	DD	30 - 115 %
% 2-Fluorophenol	78			%	04/09/14	DD	25 - 121 %
% Nitrobenzene-d5	52			%	04/09/14	DD	23 - 120 %
% Phenol-d5	83			%	04/09/14	DD	24 - 113 %
% Terphenyl-d14	65			%	04/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date

04/04/14
 04/08/14

Time

0:00
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29682

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: HI TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100			%	04/08/14	I	E160.3

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	04/11/14	U	SW8260
1,1,1-Trichloroethane	ND	250	50	ug/Kg	04/11/14	U	SW8260
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	04/11/14	U	SW8260
1,1,2-Trichloroethane	ND	250	25	ug/Kg	04/11/14	U	SW8260
1,1-Dichloroethane	ND	250	50	ug/Kg	04/11/14	U	SW8260
1,1-Dichloroethene	ND	250	55	ug/Kg	04/11/14	U	SW8260
1,1-Dichloropropene	ND	250	49	ug/Kg	04/11/14	U	SW8260
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	04/11/14	U	SW8260
1,2,3-Trichloropropane	ND	250	36	ug/Kg	04/11/14	U	SW8260
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	04/11/14	U	SW8260
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	04/11/14	U	SW8260
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	04/11/14	U	SW8260
1,2-Dibromoethane	ND	250	67	ug/Kg	04/11/14	U	SW8260
1,2-Dichlorobenzene	ND	250	28	ug/Kg	04/11/14	U	SW8260
1,2-Dichloroethane	ND	250	22	ug/Kg	04/11/14	U	SW8260
1,2-Dichloropropane	ND	250	36	ug/Kg	04/11/14	U	SW8260
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	04/11/14	U	SW8260
1,3-Dichlorobenzene	ND	250	37	ug/Kg	04/11/14	U	SW8260
1,3-Dichloropropane	ND	250	27	ug/Kg	04/11/14	U	SW8260
1,4-Dichlorobenzene	ND	250	40	ug/Kg	04/11/14	U	SW8260
2,2-Dichloropropane	ND	250	42	ug/Kg	04/11/14	U	SW8260
2-Chlorotoluene	ND	250	40	ug/Kg	04/11/14	U	SW8260
2-Hexanone	ND	1300	110	ug/Kg	04/11/14	U	SW8260
2-Isopropyltoluene	ND	250	35	ug/Kg	04/11/14	U	SW8260
4-Chlorotoluene	ND	250	29	ug/Kg	04/11/14	U	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	60	ug/Kg	04/11/14	U	SW8260
Acetone	ND	2500	250	ug/Kg	04/11/14	U	SW8260
Acrylonitrile	ND	500	140	ug/Kg	04/11/14	U	SW8260
Benzene	ND	250	50	ug/Kg	04/11/14	U	SW8260
Bromobenzene	ND	250	33	ug/Kg	04/11/14	U	SW8260
Bromochloromethane	ND	250	37	ug/Kg	04/11/14	U	SW8260
Bromodichloromethane	ND	250	31	ug/Kg	04/11/14	U	SW8260
Bromoform	ND	250	35	ug/Kg	04/11/14	U	SW8260
Bromomethane	ND	250	190	ug/Kg	04/11/14	U	SW8260
Carbon Disulfide	ND	250	41	ug/Kg	04/11/14	U	SW8260
Carbon tetrachloride	ND	250	29	ug/Kg	04/11/14	U	SW8260
Chlorobenzene	ND	250	37	ug/Kg	04/11/14	U	SW8260
Chloroethane	ND	250	59	ug/Kg	04/11/14	U	SW8260
Chloroform	ND	250	46	ug/Kg	04/11/14	U	SW8260
Chloromethane	ND	250	130	ug/Kg	04/11/14	U	SW8260
cis-1,2-Dichloroethene	ND	250	55	ug/Kg	04/11/14	U	SW8260
cis-1,3-Dichloropropene	ND	250	27	ug/Kg	04/11/14	U	SW8260
Dibromochloromethane	ND	250	28	ug/Kg	04/11/14	U	SW8260
Dibromomethane	ND	250	32	ug/Kg	04/11/14	U	SW8260
Dichlorodifluoromethane	ND	250	67	ug/Kg	04/11/14	U	SW8260
Ethylbenzene	ND	250	46	ug/Kg	04/11/14	U	SW8260
Hexachlorobutadiene	ND	250	53	ug/Kg	04/11/14	U	SW8260
Isopropylbenzene	ND	250	48	ug/Kg	04/11/14	U	SW8260
m&p-Xylene	ND	250	99	ug/Kg	04/11/14	U	SW8260
Methyl Ethyl Ketone	ND	1500	220	ug/Kg	04/11/14	U	SW8260
Methyl t-butyl ether (MTBE)	ND	500	69	ug/Kg	04/11/14	U	SW8260
Methylene chloride	84 JS	250	41	ug/Kg	04/11/14	U	SW8260
Naphthalene	ND	250	67	ug/Kg	04/11/14	U	SW8260
n-Butylbenzene	ND	250	46	ug/Kg	04/11/14	U	SW8260
n-Propylbenzene	ND	250	45	ug/Kg	04/11/14	U	SW8260
o-Xylene	ND	250	96	ug/Kg	04/11/14	U	SW8260
p-Isopropyltoluene	ND	250	36	ug/Kg	04/11/14	U	SW8260
sec-Butylbenzene	ND	250	47	ug/Kg	04/11/14	U	SW8260
Styrene	ND	250	72	ug/Kg	04/11/14	U	SW8260
tert-Butylbenzene	ND	250	40	ug/Kg	04/11/14	U	SW8260
Tetrachloroethene	ND	250	53	ug/Kg	04/11/14	U	SW8260
Tetrahydrofuran (THF)	ND	500	230	ug/Kg	04/11/14	U	SW8260
Toluene	ND	250	40	ug/Kg	04/11/14	U	SW8260
trans-1,2-Dichloroethene	ND	250	50	ug/Kg	04/11/14	U	SW8260
trans-1,3-Dichloropropene	ND	250	51	ug/Kg	04/11/14	U	SW8260
trans-1,4-dichloro-2-butene	ND	500	460	ug/Kg	04/11/14	U	SW8260
Trichloroethene	ND	250	53	ug/Kg	04/11/14	U	SW8260
Trichlorofluoromethane	ND	250	56	ug/Kg	04/11/14	U	SW8260
Trichlorotrifluoroethane	ND	250	39	ug/Kg	04/11/14	U	SW8260
Vinyl chloride	ND	250	81	ug/Kg	04/11/14	U	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99			%	04/11/14	U	70 - 121 %
% Bromofluorobenzene	93			%	04/11/14	U	59 - 113 %
% Dibromofluoromethane	94			%	04/11/14	U	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	98			%	04/11/14	U	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

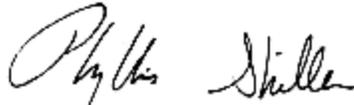
Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

100% Solid Assumed

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
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Analysis Report

April 15, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LDA
 Analyzed by: see "By" below

Date: 04/04/14
 04/08/14
 Time: 0:00
 16:01

Laboratory Data

SDG ID: GBG29674
 Phoenix ID: BG29683

Project ID: DOMINO SUGAR SITE SITE B
 Client ID: LO TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100			%	04/08/14	I	E160.3
Field Extraction	Completed				04/04/14		SW5035

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	04/11/14	U	SW8260
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	04/11/14	U	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	04/11/14	U	SW8260
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	04/11/14	U	SW8260
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	04/11/14	U	SW8260
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	04/11/14	U	SW8260
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	04/11/14	U	SW8260
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	04/11/14	U	SW8260
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	04/11/14	U	SW8260
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	04/11/14	U	SW8260
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	04/11/14	U	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	04/11/14	U	SW8260
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	04/11/14	U	SW8260
1,2-Dichlorobenzene	0.59	J 5.0	0.55	ug/Kg	04/11/14	U	SW8260
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	04/11/14	U	SW8260
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	04/11/14	U	SW8260
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	04/11/14	U	SW8260
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	04/11/14	U	SW8260
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	04/11/14	U	SW8260
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	04/11/14	U	SW8260
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	04/11/14	U	SW8260
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	04/11/14	U	SW8260
2-Hexanone	ND	25	2.3	ug/Kg	04/11/14	U	SW8260
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	04/11/14	U	SW8260

Client ID: LO TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorotoluene	0.62	J 5.0	0.58	ug/Kg	04/11/14	U	SW8260
4-Methyl-2-pentanone	ND	25	1.2	ug/Kg	04/11/14	U	SW8260
Acetone	ND	50	5.0	ug/Kg	04/11/14	U	SW8260
Acrylonitrile	ND	10	2.8	ug/Kg	04/11/14	U	SW8260
Benzene	ND	5.0	0.99	ug/Kg	04/11/14	U	SW8260
Bromobenzene	ND	5.0	0.65	ug/Kg	04/11/14	U	SW8260
Bromochloromethane	ND	5.0	0.73	ug/Kg	04/11/14	U	SW8260
Bromodichloromethane	ND	5.0	0.62	ug/Kg	04/11/14	U	SW8260
Bromoform	ND	5.0	0.70	ug/Kg	04/11/14	U	SW8260
Bromomethane	ND	5.0	3.9	ug/Kg	04/11/14	U	SW8260
Carbon Disulfide	ND	5.0	0.81	ug/Kg	04/11/14	U	SW8260
Carbon tetrachloride	ND	5.0	0.58	ug/Kg	04/11/14	U	SW8260
Chlorobenzene	ND	5.0	0.74	ug/Kg	04/11/14	U	SW8260
Chloroethane	ND	5.0	1.2	ug/Kg	04/11/14	U	SW8260
Chloroform	ND	5.0	0.91	ug/Kg	04/11/14	U	SW8260
Chloromethane	ND	5.0	2.6	ug/Kg	04/11/14	U	SW8260
cis-1,2-Dichloroethene	ND	5.0	1.1	ug/Kg	04/11/14	U	SW8260
cis-1,3-Dichloropropene	ND	5.0	0.54	ug/Kg	04/11/14	U	SW8260
Dibromochloromethane	ND	5.0	0.56	ug/Kg	04/11/14	U	SW8260
Dibromomethane	ND	5.0	0.63	ug/Kg	04/11/14	U	SW8260
Dichlorodifluoromethane	ND	5.0	1.3	ug/Kg	04/11/14	U	SW8260
Ethylbenzene	ND	5.0	0.91	ug/Kg	04/11/14	U	SW8260
Hexachlorobutadiene	ND	5.0	1.1	ug/Kg	04/11/14	U	SW8260
Isopropylbenzene	ND	5.0	0.96	ug/Kg	04/11/14	U	SW8260
m&p-Xylene	ND	5.0	2.0	ug/Kg	04/11/14	U	SW8260
Methyl Ethyl Ketone	ND	30	4.3	ug/Kg	04/11/14	U	SW8260
Methyl t-butyl ether (MTBE)	ND	10	1.4	ug/Kg	04/11/14	U	SW8260
Methylene chloride	1.8	J 5.0	0.82	ug/Kg	04/11/14	U	SW8260
Naphthalene	ND	5.0	1.3	ug/Kg	04/11/14	U	SW8260
n-Butylbenzene	ND	5.0	0.91	ug/Kg	04/11/14	U	SW8260
n-Propylbenzene	ND	5.0	0.90	ug/Kg	04/11/14	U	SW8260
o-Xylene	ND	5.0	1.9	ug/Kg	04/11/14	U	SW8260
p-Isopropyltoluene	ND	5.0	0.72	ug/Kg	04/11/14	U	SW8260
sec-Butylbenzene	ND	5.0	0.94	ug/Kg	04/11/14	U	SW8260
Styrene	ND	5.0	1.4	ug/Kg	04/11/14	U	SW8260
tert-Butylbenzene	ND	5.0	0.80	ug/Kg	04/11/14	U	SW8260
Tetrachloroethene	ND	5.0	1.1	ug/Kg	04/11/14	U	SW8260
Tetrahydrofuran (THF)	ND	10	4.5	ug/Kg	04/11/14	U	SW8260
Toluene	ND	5.0	0.79	ug/Kg	04/11/14	U	SW8260
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/Kg	04/11/14	U	SW8260
trans-1,3-Dichloropropene	ND	5.0	1.0	ug/Kg	04/11/14	U	SW8260
trans-1,4-dichloro-2-butene	ND	10	9.3	ug/Kg	04/11/14	U	SW8260
Trichloroethene	ND	5.0	1.1	ug/Kg	04/11/14	U	SW8260
Trichlorofluoromethane	ND	5.0	1.1	ug/Kg	04/11/14	U	SW8260
Trichlorotrifluoroethane	ND	5.0	0.78	ug/Kg	04/11/14	U	SW8260
Vinyl chloride	ND	5.0	1.6	ug/Kg	04/11/14	U	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100			%	04/11/14	U	70 - 121 %
% Bromofluorobenzene	94			%	04/11/14	U	59 - 113 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Dibromofluoromethane	98			%	04/11/14	U	70 - 130 %
% Toluene-d8	99			%	04/11/14	U	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

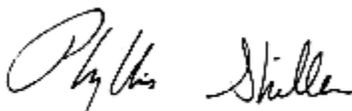
Comments:

100% Solid Assumed

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 15, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS

GBG29674 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BG29674	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1500	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1500	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	540	1000	1000	1000	ug/Kg
BG29674	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	570	540	500	500	500	ug/Kg
BG29674	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	570	540	500	500	500	ug/Kg
BG29674	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	570	540	500	500	500	ug/Kg
BG29674	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	159	7.3	63	63	63	mg/Kg
BG29674	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	132	0.7	109	109	109	mg/Kg
BG29675	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	24.2	0.8	16	16	16	mg/Kg
BG29675	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	24.2	0.8	16	16	16	mg/Kg
BG29675	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	24.2	0.8	13	13	13	mg/Kg
BG29675	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	123	0.40	50	50	50	mg/kg
BG29675	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	132	0.8	63	63	63	mg/Kg
BG29675	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	115	0.8	109	109	109	mg/Kg
BG29676	\$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	75	61	50	50	50	ug/Kg
BG29676	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1400	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1500	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	560	1000	1000	1000	ug/Kg
BG29676	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	560	1000	1000	1000	ug/Kg
BG29676	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.9	5	5	5	ug/Kg
BG29676	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BG29676	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.9	5	5	5	ug/Kg
BG29676	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BG29676	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BG29676	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	19.6	0.7	16	16	16	mg/Kg

Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS

GBG29674 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BG29676	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	19.6	0.7	16	16	16	mg/Kg
BG29676	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	19.6	0.7	13	13	13	mg/Kg
BG29676	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	98.6	0.37	50	50	50	mg/kg
BG29676	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.63	0.08	0.18	0.18	0.18	mg/Kg
BG29676	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	31.1	0.37	30	30	30	mg/Kg
BG29676	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	213	7.3	63	63	63	mg/Kg
BG29676	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	285	7.3	109	109	109	mg/Kg
BG29677	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	52.2	0.41	50	50	50	mg/kg
BG29677	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.55	0.08	0.18	0.18	0.18	mg/Kg
BG29677	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	389	8.1	63	63	63	mg/Kg
BG29678	\$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	280	210	210	210	ug/Kg
BG29678	\$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	20	ug/Kg
BG29678	\$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2800	50	50	50	ug/Kg
BG29678	\$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	190	190	190	ug/Kg
BG29678	\$8260-SMDPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	270	270	270	ug/Kg
BG29678	\$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	250	250	250	ug/Kg
BG29678	\$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1700	120	120	120	ug/Kg
BG29678	\$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	60	60	60	ug/Kg
BG29678	\$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	20	ug/Kg
BG29678	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1800	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1800	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1800	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2000	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	510	1000	1000	1000	ug/Kg
BG29678	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	540	510	500	500	500	ug/Kg
BG29678	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	540	510	500	500	500	ug/Kg
BG29678	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	540	510	500	500	500	ug/Kg
BG29678	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	20.1	0.7	16	16	16	mg/Kg
BG29678	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	20.1	0.7	16	16	16	mg/Kg
BG29678	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	20.1	0.7	13	13	13	mg/Kg
BG29678	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	131	0.36	50	50	50	mg/kg
BG29678	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.30	0.07	0.18	0.18	0.18	mg/Kg
BG29678	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	185	7.2	63	63	63	mg/Kg
BG29678	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	113	0.7	109	109	109	mg/Kg

Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS

GBG29674 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BG29680	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	330	330	330	ug/Kg
BG29680	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	330	330	330	ug/Kg
BG29680	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	6400	2400	2400	2400	ug/Kg
BG29680	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	800	800	800	ug/Kg
BG29680	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	6400	3900	3900	3900	ug/Kg
BG29680	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	6400	3900	3900	3900	ug/Kg
BG29680	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	800	800	800	ug/Kg
BG29680	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	1000	1000	1000	ug/Kg
BG29680	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	6400	500	500	500	ug/Kg
BG29680	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	6400	500	500	500	ug/Kg
BG29680	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	500	500	500	ug/Kg
BG29680	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	6400	330	330	330	ug/Kg
BG29680	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	6400	330	330	330	ug/Kg
BG29680	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	6400	330	330	330	ug/Kg
BG29680	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	5	ug/Kg
BG29680	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BG29680	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	5	ug/Kg
BG29680	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	14	14	14	ug/Kg
BG29680	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BG29680	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BG29680	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	51.6	0.7	16	16	16	mg/Kg
BG29680	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	51.6	0.7	16	16	16	mg/Kg
BG29680	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	51.6	0.7	13	13	13	mg/Kg
BG29680	CU-SM	Copper	NY / 375-6.8 Metals / Residential	787	3.7	270	270	270	mg/kg
BG29680	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	787	3.7	270	270	270	mg/kg
BG29680	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	787	3.7	50	50	50	mg/kg
BG29680	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.50	0.06	0.18	0.18	0.18	mg/Kg
BG29680	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	51.2	0.37	30	30	30	mg/Kg
BG29680	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	586	7.5	400	400	400	mg/Kg
BG29680	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	586	7.5	400	400	400	mg/Kg
BG29680	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	586	7.5	63	63	63	mg/Kg

Criteria: NY: 375, 375RRS, 375RS

State: NY

Sample Criteria Exceedences Report

GBG29674 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG29680	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	194	7.5	109	109	mg/Kg
BG29682	\$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BG29682	\$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BG29682	\$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	50	50	ug/Kg
BG29682	\$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	84	250	50	50	ug/Kg
BG29682	\$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BG29682	\$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BG29682	\$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BG29682	\$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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NY Temperature Narration

April 15, 2014

SDG I.D.: GBG29674

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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Client Services (860) 645-8726

Temp 46 Pg 1 of 1

Data Delivery:
 Fax #:
 Email: ESOSIX@phoenixlab.com

Customer: ESOSIX Project: Domino Sugar Site - Site B
 Address: Ridge Mt Report to: _____ Phone #: _____
 Invoice to: _____ Fax #: _____

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	
					SWOC	TRACERS
291674	B-SB1 0-7	S	4-14-11	800	X	X
291675	B-SB1 7-9	S		820	X	X
291676	B-SB2 0-7	S		900	X	X
291677	B-SB2 7-9	S		920	X	X
291678	B-SB3 0-7	S		1000	X	X
291679	B-SB3 9-11	S		1020	X	X
291680	B-SB5 0-7	S		1100	X	X
291681	B-SB5 7-9	S		1120	X	X
291682	hi trip blanks					
291683	lo trip blanks					

Analysis Request: SWOC TRACERS

Matrix Code:
 WW=wastewater S=soil/solid O=oil
 DW=drinking water SL=sludge A=air X=other
 GW=groundwater

Requisitioned by: [Signature] Accepted by: [Signature] Date: 4-18-14 Time: 13:30

Turnaround:
 1 Day*
 2 Days*
 3 Days*
 5 Days
 10 Days
 Other
 * SURCHARGE APPLIES

NY Criteria:
 Res. Criteria
 Non-Res. Criteria
 Impact to GW Soil Cleanup Criteria
 GW Criteria

NJ Criteria:
 Res. Criteria
 Non-Res. Criteria
 Impact to GW Soil Cleanup Criteria
 GW Criteria

NY TOGS GA GW
 CP-51 Soil
 NY375 Unrestricted Soil
 NY375 Residential Soil
 NY375 Restricted Non-Residential Soil

Data Format:
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQUIS
 NJ Hazsite EDD
 NY EZ EDD (ASP)
 Other

Data Package:
 NJ Reduced Deliv.*
 NY Enhanced (ASP B)*
 Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:
Hold for test for BSb1
BSb2 per Kevin water
B-SB3 7-9 depth on 4/19/11
BSb5-



Monday, April 28, 2014

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: DOMINO SUGAR SITE F
Sample ID#s: BG34983 - BG34987

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 28, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

04/17/14
 04/21/14

Time

0:00
 16:07

Laboratory Data

SDG ID: GBG34983
 Phoenix ID: BG34983

Project ID: DOMINO SUGAR SITE F
 Client ID: B-MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	04/21/14	LK	SW6010
Aluminum (Dissolved)	1.43	0.01	0.0026	mg/L	04/21/14	LK	SW6010
Arsenic, (Dissolved)	0.008	0.003	0.001	mg/L	04/21/14	LK	SW6010
Barium (Dissolved)	0.231	0.011	0.001	mg/L	04/21/14	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	04/21/14	LK	SW6010
Calcium (Dissolved)	241	0.11	0.032	mg/L	04/21/14	LK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	04/21/14	LK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	04/21/14	LK	SW6010
Chromium (Dissolved)	0.002	0.001	0.001	mg/L	04/21/14	LK	SW6010
Copper, (Dissolved)	0.018	0.005	0.001	mg/L	04/21/14	LK	SW6010
Iron, (Dissolved)	1.03	0.01	0.01	mg/L	04/21/14	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	04/22/14	RS	SW7470
Potassium (Dissolved)	85.4	1.1	1.1	mg/L	04/21/14	LK	SW6010
Magnesium (Dissolved)	192	0.11	0.011	mg/L	04/21/14	LK	SW6010
Manganese, (Dissolved)	2.36	0.053	0.011	mg/L	04/21/14	LK	SW6010
Sodium (Dissolved)	1600	11	11	mg/L	04/21/14	LK	SW6010
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	04/21/14	LK	SW6010
Lead (Dissolved)	0.009	0.002	0.001	mg/L	04/21/14	LK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	04/23/14	RS	7010
Selenium, (Dissolved)	< 0.017	0.017	0.009	mg/L	04/24/14	RS	7010
Thallium, (Dissolved)	< 0.001	0.001	0.001	mg/L	04/22/14	PS	7010
Vanadium, (Dissolved)	0.01	0.01	0.001	mg/L	04/21/14	LK	SW6010
Zinc, (Dissolved)	0.035	0.011	0.001	mg/L	04/21/14	LK	SW6010
Filtration	Completed				04/21/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				04/22/14	I/I	SW7470
Semi-Volatile Extraction	Completed				04/21/14	e/K/X	SW3520
Dissolved Metals Preparation	Completed				04/21/14	AG	SW846-3005

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/23/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/23/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	04/23/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	04/23/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	04/23/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Acetone	14	S 5.0	0.31	ug/L	04/23/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	04/23/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	04/23/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	04/23/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	04/23/14	MH	SW8260
Bromomethane	ND	5.0	0.25	ug/L	04/23/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	04/23/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	04/23/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	04/23/14	MH	SW8260
Chloromethane	ND	5.0	0.21	ug/L	04/23/14	MH	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	04/23/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	04/23/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	04/23/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	04/23/14	MH	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Isopropylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	04/23/14	MH	SW8260
Methyl ethyl ketone	5.6	1.0	0.50	ug/L	04/23/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	04/23/14	MH	SW8260
Naphthalene	3.0	1.0	0.19	ug/L	04/23/14	MH	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	04/23/14	MH	SW8260
p-Isopropyltoluene	1.0	1.0	0.21	ug/L	04/23/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	04/23/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/23/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/23/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/23/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/23/14	MH	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	04/23/14	MH	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99			%	04/23/14	MH	70 - 130 %
% Bromofluorobenzene	90			%	04/23/14	MH	70 - 130 %
% Dibromofluoromethane	109			%	04/23/14	MH	70 - 130 %
% Toluene-d8	103			%	04/23/14	MH	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	20	10	ug/L	04/24/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	20	10	ug/L	04/24/14	DD	SW 8270
1,2-Dichlorobenzene	ND	20	10	ug/L	04/24/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	20	10	ug/L	04/24/14	DD	SW 8270
1,3-Dichlorobenzene	ND	20	10	ug/L	04/24/14	DD	SW 8270
1,4-Dichlorobenzene	ND	20	10	ug/L	04/24/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	20	10	ug/L	04/24/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	20	10	ug/L	04/24/14	DD	SW 8270
2,4-Dichlorophenol	ND	20	10	ug/L	04/24/14	DD	SW 8270
2,4-Dimethylphenol	ND	20	10	ug/L	04/24/14	DD	SW 8270
2,4-Dinitrophenol	ND	100	50	ug/L	04/24/14	DD	SW 8270
2,4-Dinitrotoluene	ND	20	10	ug/L	04/24/14	DD	SW 8270
2,6-Dinitrotoluene	ND	20	10	ug/L	04/24/14	DD	SW 8270
2-Chloronaphthalene	ND	20	10	ug/L	04/24/14	DD	SW 8270
2-Chlorophenol	ND	20	10	ug/L	04/24/14	DD	SW 8270
2-Methylnaphthalene	ND	20	10	ug/L	04/24/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	20	10	ug/L	04/24/14	DD	SW 8270
2-Nitroaniline	ND	100	50	ug/L	04/24/14	DD	SW 8270
2-Nitrophenol	ND	20	10	ug/L	04/24/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	20	10	ug/L	04/24/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
3,3'-Dichlorobenzidine	ND	40	20	ug/L	04/24/14	DD	SW 8270
3-Nitroaniline	ND	100	50	ug/L	04/24/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	100	50	ug/L	04/24/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	20	10	ug/L	04/24/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	40	10	ug/L	04/24/14	DD	SW 8270
4-Chloroaniline	ND	40	20	ug/L	04/24/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	20	10	ug/L	04/24/14	DD	SW 8270
4-Nitroaniline	ND	100	50	ug/L	04/24/14	DD	SW 8270
4-Nitrophenol	ND	100	50	ug/L	04/24/14	DD	SW 8270
Acenaphthene	8.7	J 20	10	ug/L	04/24/14	DD	SW 8270
Acenaphthylene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Acetophenone	ND	20	10	ug/L	04/24/14	DD	SW 8270
Aniline	ND	100	50	ug/L	04/24/14	DD	SW 8270
Anthracene	5.4	J 20	10	ug/L	04/24/14	DD	SW 8270
Benz(a)anthracene	6.4	J 20	10	ug/L	04/24/14	DD	SW 8270
Benzidine	ND	40	20	ug/L	04/24/14	DD	SW 8270
Benzo(a)pyrene	3.6	J 20	10	ug/L	04/24/14	DD	SW 8270
Benzo(b)fluoranthene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Benzo(ghi)perylene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Benzo(k)fluoranthene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Benzoic acid	ND	100	50	ug/L	04/24/14	DD	SW 8270
Benzyl butyl phthalate	ND	20	10	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	20	10	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	20	10	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	20	10	ug/L	04/24/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	20	10	ug/L	04/24/14	DD	SW 8270
Carbazole	ND	100	50	ug/L	04/24/14	DD	SW 8270
Chrysene	4.1	J 20	10	ug/L	04/24/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Dibenzofuran	ND	20	10	ug/L	04/24/14	DD	SW 8270
Diethyl phthalate	ND	20	10	ug/L	04/24/14	DD	SW 8270
Dimethylphthalate	ND	20	10	ug/L	04/24/14	DD	SW 8270
Di-n-butylphthalate	ND	20	10	ug/L	04/24/14	DD	SW 8270
Di-n-octylphthalate	ND	20	10	ug/L	04/24/14	DD	SW 8270
Fluoranthene	9.5	J 20	10	ug/L	04/24/14	DD	SW 8270
Fluorene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Hexachlorobenzene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Hexachlorobutadiene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Hexachloroethane	ND	20	10	ug/L	04/24/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Isophorone	ND	20	10	ug/L	04/24/14	DD	SW 8270
Naphthalene	3.2	J 20	10	ug/L	04/24/14	DD	SW 8270
Nitrobenzene	ND	20	10	ug/L	04/24/14	DD	SW 8270
N-Nitrosodimethylamine	ND	20	10	ug/L	04/24/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	20	10	ug/L	04/24/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	20	10	ug/L	04/24/14	DD	SW 8270
Pentachloronitrobenzene	ND	20	10	ug/L	04/24/14	DD	SW 8270
Pentachlorophenol	ND	20	10	ug/L	04/24/14	DD	SW 8270

B

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenanthrene	9.8	J	20	10	ug/L	04/24/14	DD	SW 8270
Phenol	ND		20	10	ug/L	04/24/14	DD	SW 8270
Pyrene	18	J	20	10	ug/L	04/24/14	DD	SW 8270
Pyridine	ND		20	10	ug/L	04/24/14	DD	SW 8270
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	*Diluted Out				%	04/24/14	DD	15 - 110 %
% 2-Fluorobiphenyl	*Diluted Out				%	04/24/14	DD	30 - 130 %
% 2-Fluorophenol	*Diluted Out				%	04/24/14	DD	15 - 110 %
% Nitrobenzene-d5	*Diluted Out				%	04/24/14	DD	30 - 130 %
% Phenol-d5	*Diluted Out				%	04/24/14	DD	15 - 110 %
% Terphenyl-d14	*Diluted Out				%	04/24/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

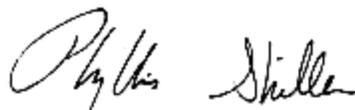
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
 This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 28, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 28, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

04/17/14
 04/21/14

Time

0:00
 16:07

Laboratory Data

SDG ID: GBG34983
 Phoenix ID: BG34984

Project ID: DOMINO SUGAR SITE F
 Client ID: B-MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	04/21/14	LK	SW6010
Aluminum (Dissolved)	0.13	0.01	0.0026	mg/L	04/21/14	LK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.001	mg/L	04/21/14	LK	SW6010
Barium (Dissolved)	0.263	0.011	0.001	mg/L	04/21/14	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	04/21/14	LK	SW6010
Calcium (Dissolved)	300	0.11	0.032	mg/L	04/21/14	LK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	04/21/14	LK	SW6010
Cobalt, (Dissolved)	0.006	0.005	0.001	mg/L	04/21/14	LK	SW6010
Chromium (Dissolved)	0.005	0.001	0.001	mg/L	04/21/14	LK	SW6010
Copper, (Dissolved)	0.071	0.005	0.001	mg/L	04/21/14	LK	SW6010
Iron, (Dissolved)	0.58	0.01	0.01	mg/L	04/21/14	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	04/22/14	RS	SW7470
Potassium (Dissolved)	166	1.1	1.1	mg/L	04/21/14	LK	SW6010
Magnesium (Dissolved)	0.03	0.01	0.001	mg/L	04/21/14	LK	SW6010
Manganese, (Dissolved)	< 0.005	0.005	0.001	mg/L	04/21/14	LK	SW6010
Sodium (Dissolved)	154	1.1	1.1	mg/L	04/21/14	LK	SW6010
Nickel, (Dissolved)	0.010	0.004	0.001	mg/L	04/21/14	LK	SW6010
Lead (Dissolved)	0.260	0.002	0.001	mg/L	04/21/14	LK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	04/23/14	RS	7010
Selenium, (Dissolved)	< 0.017	0.017	0.009	mg/L	04/24/14	RS	7010
Thallium , (Dissolved)	< 0.001	0.001	0.001	mg/L	04/22/14	PS	7010
Vanadium, (Dissolved)	< 0.01	0.01	0.001	mg/L	04/21/14	LK	SW6010
Zinc, (Dissolved)	< 0.011	0.011	0.001	mg/L	04/21/14	LK	SW6010
Filtration	Completed				04/21/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				04/22/14	I/I	SW7470
PCB Extraction	Completed				04/21/14	B/T	SW3510C
Extraction for Pest (2 Liter)	Completed				04/21/14	B	SW3510
Semi-Volatile Extraction	Completed				04/21/14	E/K/X	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				04/21/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
4,4' -DDE	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
4,4' -DDT	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
a-BHC	ND	0.010	0.010	ug/L	04/23/14	CE	SW8081
a-chlordane	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Alachlor	ND	0.15	0.15	ug/L	04/23/14	CE	SW8081
Aldrin	ND	0.003	0.003	ug/L	04/23/14	CE	SW8081
b-BHC	ND	0.010	0.010	ug/L	04/23/14	CE	SW8081
Chlordane	ND	0.20	0.20	ug/L	04/23/14	CE	SW8081
d-BHC	ND	0.010	0.010	ug/L	04/23/14	CE	SW8081
Dieldrin	ND	0.003	0.003	ug/L	04/23/14	CE	SW8081
Endosulfan I	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Endosulfan II	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Endosulfan Sulfate	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Endrin	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Endrin Aldehyde	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Endrin ketone	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
g-BHC (Lindane)	ND	0.010	0.010	ug/L	04/23/14	CE	SW8081
g-chlordane	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Heptachlor	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Heptachlor epoxide	ND	0.020	0.020	ug/L	04/23/14	CE	SW8081
Methoxychlor	ND	0.20	0.20	ug/L	04/23/14	CE	SW8081
Toxaphene	ND	0.50	0.50	ug/L	04/23/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	43			%	04/23/14	CE	SW8081
%TCMX (Surrogate Rec)	100			%	04/23/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.073	0.073	ug/L	04/22/14	AW	8082
PCB-1221	ND	0.073	0.073	ug/L	04/22/14	AW	8082
PCB-1232	ND	0.073	0.073	ug/L	04/22/14	AW	8082
PCB-1242	ND	0.073	0.073	ug/L	04/22/14	AW	8082
PCB-1248	ND	0.073	0.073	ug/L	04/22/14	AW	8082
PCB-1254	ND	0.073	0.073	ug/L	04/22/14	AW	8082
PCB-1260	ND	0.073	0.073	ug/L	04/22/14	AW	8082
PCB-1262	ND	0.073	0.073	ug/L	04/22/14	AW	8082
PCB-1268	ND	0.073	0.073	ug/L	04/22/14	AW	8082
<u>QA/QC Surrogates</u>							
% DCBP	48			%	04/22/14	AW	30 - 150 %
% TCMX	75			%	04/22/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/23/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/23/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	04/23/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	04/23/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	04/23/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Acetone	46	S 25	1.6	ug/L	04/23/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	04/23/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	04/23/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	04/23/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	04/23/14	MH	SW8260
Bromomethane	ND	5.0	0.25	ug/L	04/23/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	04/23/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	04/23/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	04/23/14	MH	SW8260
Chloromethane	ND	5.0	0.21	ug/L	04/23/14	MH	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	04/23/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	04/23/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	04/23/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	04/23/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	04/23/14	MH	SW8260
Methyl ethyl ketone	4.4	1.0	0.50	ug/L	04/23/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	04/23/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	04/23/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	04/23/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/23/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/23/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/23/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/23/14	MH	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	04/23/14	MH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107			%	04/23/14	MH	70 - 130 %
% Bromofluorobenzene	84			%	04/23/14	MH	70 - 130 %
% Dibromofluoromethane	100			%	04/23/14	MH	70 - 130 %
% Toluene-d8	101			%	04/23/14	MH	70 - 130 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.9	1.8	ug/L	04/24/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.2	1.7	ug/L	04/24/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.9	1.9	ug/L	04/24/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.2	1.7	ug/L	04/24/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.2	1.7	ug/L	04/24/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.9	2.3	ug/L	04/24/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.9	1.9	ug/L	04/24/14	DD	SW 8270
2-Chloronaphthalene	ND	5.9	1.7	ug/L	04/24/14	DD	SW 8270
2-Chlorophenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
2-Methylnaphthalene	ND	5.9	1.8	ug/L	04/24/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
2-Nitroaniline	ND	5.9	5.9	ug/L	04/24/14	DD	SW 8270
2-Nitrophenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.9	2.8	ug/L	04/24/14	DD	SW 8270
3-Nitroaniline	ND	5.9	5.9	ug/L	04/24/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.9	1.7	ug/L	04/24/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
4-Chloroaniline	ND	4.1	2.7	ug/L	04/24/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.9	2.0	ug/L	04/24/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.9	2.0	ug/L	04/24/14	DD	SW 8270
4-Nitrophenol	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
Acenaphthene	9.5	5.9	1.8	ug/L	04/24/14	DD	SW 8270
Acetophenone	ND	5.9	1.8	ug/L	04/24/14	DD	SW 8270
Aniline	ND	4.1	5.9	ug/L	04/24/14	DD	SW 8270
Anthracene	ND	5.9	1.9	ug/L	04/24/14	DD	SW 8270
Benzidine	ND	5.3	3.5	ug/L	04/24/14	DD	SW 8270
Benzoic acid	ND	29	12	ug/L	04/24/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.9	1.5	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.9	1.6	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.9	1.6	ug/L	04/24/14	DD	SW 8270
Carbazole	ND	29	4.5	ug/L	04/24/14	DD	SW 8270
Dibenzofuran	ND	5.9	1.7	ug/L	04/24/14	DD	SW 8270
Diethyl phthalate	ND	5.9	1.9	ug/L	04/24/14	DD	SW 8270
Dimethylphthalate	ND	5.9	1.8	ug/L	04/24/14	DD	SW 8270
Di-n-butylphthalate	ND	5.9	1.6	ug/L	04/24/14	DD	SW 8270
Di-n-octylphthalate	ND	5.9	1.5	ug/L	04/24/14	DD	SW 8270
Fluoranthene	ND	5.9	1.9	ug/L	04/24/14	DD	SW 8270
Fluorene	2.5	J 5.9	1.9	ug/L	04/24/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.9	1.8	ug/L	04/24/14	DD	SW 8270
Isophorone	ND	5.9	1.6	ug/L	04/24/14	DD	SW 8270
Naphthalene	ND	5.9	1.7	ug/L	04/24/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.2	1.2	ug/L	04/24/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.9	1.9	ug/L	04/24/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.9	2.3	ug/L	04/24/14	DD	SW 8270
Phenol	ND	1.2	1.9	ug/L	04/24/14	DD	SW 8270
Pyrene	ND	5.9	2.0	ug/L	04/24/14	DD	SW 8270
Pyridine	ND	12	1.4	ug/L	04/24/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	114			%	04/24/14	DD	15 - 110 %
% 2-Fluorobiphenyl	82			%	04/24/14	DD	30 - 130 %
% 2-Fluorophenol	66			%	04/24/14	DD	15 - 110 %
% Nitrobenzene-d5	88			%	04/24/14	DD	30 - 130 %
% Phenol-d5	70			%	04/24/14	DD	15 - 110 %
% Terphenyl-d14	31			%	04/24/14	DD	30 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.8		ug/L	04/23/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.12		ug/L	04/23/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.12	0.02		ug/L	04/23/14	DD	SW8270 (SIM) B*
Benzo(a)pyrene	0.06	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.08	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	0.04	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.04	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.9		ug/L	04/23/14	DD	SW8270 (SIM)
Chrysene	0.11	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.5		ug/L	04/23/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	2.8		ug/L	04/23/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.04	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.04		ug/L	04/23/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.12		ug/L	04/23/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.94		ug/L	04/23/14	DD	SW8270 (SIM)
Phenanthrene	12	0.12		ug/L	04/23/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	98			%	04/23/14	DD	15 - 110 %
% 2-Fluorobiphenyl	83			%	04/23/14	DD	30 - 130 %
% 2-Fluorophenol	78			%	04/23/14	DD	15 - 110 %
% Nitrobenzene-d5	100			%	04/23/14	DD	30 - 130 %
% Phenol-d5	76			%	04/23/14	DD	15 - 110 %
% Terphenyl-d14	24			%	04/23/14	DD	30 - 130 %

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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 3 = This parameter exceeds laboratory specified limits.
 B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

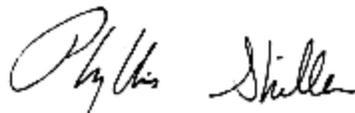
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:

Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the pesticide analysis.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 28, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 28, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 04/17/14 0:00
 04/21/14 16:07

Laboratory Data

SDG ID: GBG34983
 Phoenix ID: BG34985

Project ID: DOMINO SUGAR SITE F
 Client ID: B-MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	04/21/14	LK	SW6010
Aluminum (Dissolved)	0.14	0.01	0.0026	mg/L	04/21/14	LK	SW6010
Arsenic, (Dissolved)	0.012	0.003	0.001	mg/L	04/21/14	LK	SW6010
Barium (Dissolved)	0.028	0.011	0.001	mg/L	04/21/14	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	04/21/14	LK	SW6010
Calcium (Dissolved)	541	0.11	0.032	mg/L	04/21/14	LK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	04/21/14	LK	SW6010
Cobalt, (Dissolved)	0.010	0.005	0.001	mg/L	04/21/14	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	04/21/14	LK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	04/21/14	LK	SW6010
Iron, (Dissolved)	0.04	0.01	0.01	mg/L	04/21/14	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	04/22/14	RS	SW7470
Potassium (Dissolved)	33.5	0.1	0.1	mg/L	04/21/14	LK	SW6010
Magnesium (Dissolved)	45.8	0.01	0.001	mg/L	04/21/14	LK	SW6010
Manganese, (Dissolved)	9.48	0.053	0.011	mg/L	04/21/14	LK	SW6010
Sodium (Dissolved)	49.7	1.1	1.1	mg/L	04/21/14	LK	SW6010
Nickel, (Dissolved)	0.008	0.004	0.001	mg/L	04/21/14	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	04/21/14	LK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	04/23/14	RS	7010
Selenium, (Dissolved)	< 0.017	0.017	0.009	mg/L	04/24/14	RS	7010
Thallium , (Dissolved)	< 0.001	0.001	0.001	mg/L	04/22/14	RS	7010
Vanadium, (Dissolved)	< 0.01	0.01	0.001	mg/L	04/21/14	LK	SW6010
Zinc, (Dissolved)	< 0.011	0.011	0.001	mg/L	04/21/14	LK	SW6010
Filtration	Completed				04/21/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				04/22/14	I/I	SW7470
Semi-Volatile Extraction	Completed				04/21/14	E/K/X	SW3520
Dissolved Metals Preparation	Completed				04/21/14	AG	SW846-3005

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/23/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/23/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	04/23/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	04/23/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	04/23/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	04/23/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Acetone	ND	5.0	0.31	ug/L	04/23/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	04/23/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	04/23/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	04/23/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	04/23/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	04/23/14	MH	SW8260
Bromomethane	ND	5.0	0.25	ug/L	04/23/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	04/23/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	04/23/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	04/23/14	MH	SW8260
Chloromethane	ND	5.0	0.21	ug/L	04/23/14	MH	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	04/23/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	04/23/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	04/23/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	04/23/14	MH	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Isopropylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	04/23/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	04/23/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	04/23/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	04/23/14	MH	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	04/23/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	04/23/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/23/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	04/23/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	04/23/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/23/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	04/23/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/23/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/23/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/23/14	MH	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	04/23/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/23/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	04/23/14	MH	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	106			%	04/23/14	MH	70 - 130 %
% Bromofluorobenzene	84			%	04/23/14	MH	70 - 130 %
% Dibromofluoromethane	101			%	04/23/14	MH	70 - 130 %
% Toluene-d8	102			%	04/23/14	MH	70 - 130 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.4	1.6	ug/L	04/24/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.1	1.5	ug/L	04/24/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.4	1.8	ug/L	04/24/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.1	1.6	ug/L	04/24/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.1	1.6	ug/L	04/24/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.4	2.1	ug/L	04/24/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.4	1.7	ug/L	04/24/14	DD	SW 8270
2-Chloronaphthalene	ND	5.4	1.5	ug/L	04/24/14	DD	SW 8270
2-Chlorophenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
2-Methylnaphthalene	ND	5.4	1.6	ug/L	04/24/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
2-Nitroaniline	ND	5.4	5.4	ug/L	04/24/14	DD	SW 8270
2-Nitrophenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.4	2.6	ug/L	04/24/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
3-Nitroaniline	ND	5.4	5.4	ug/L	04/24/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.4	1.6	ug/L	04/24/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
4-Chloroaniline	ND	3.8	2.5	ug/L	04/24/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.4	1.8	ug/L	04/24/14	DD	SW 8270
4-Nitroaniline	ND	5.4	1.8	ug/L	04/24/14	DD	SW 8270
4-Nitrophenol	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
Acenaphthene	ND	5.4	1.7	ug/L	04/24/14	DD	SW 8270
Acetophenone	ND	5.4	1.7	ug/L	04/24/14	DD	SW 8270
Aniline	ND	3.8	5.4	ug/L	04/24/14	DD	SW 8270
Anthracene	ND	5.4	1.8	ug/L	04/24/14	DD	SW 8270
Benzidine	ND	4.9	3.2	ug/L	04/24/14	DD	SW 8270
Benzoic acid	ND	27	11	ug/L	04/24/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.4	1.4	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.4	1.5	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.4	1.5	ug/L	04/24/14	DD	SW 8270
Carbazole	ND	27	4.1	ug/L	04/24/14	DD	SW 8270
Dibenzofuran	ND	5.4	1.6	ug/L	04/24/14	DD	SW 8270
Diethyl phthalate	ND	5.4	1.7	ug/L	04/24/14	DD	SW 8270
Dimethylphthalate	ND	5.4	1.7	ug/L	04/24/14	DD	SW 8270
Di-n-butylphthalate	ND	5.4	1.4	ug/L	04/24/14	DD	SW 8270
Di-n-octylphthalate	ND	5.4	1.4	ug/L	04/24/14	DD	SW 8270
Fluoranthene	ND	5.4	1.8	ug/L	04/24/14	DD	SW 8270
Fluorene	ND	5.4	1.8	ug/L	04/24/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.4	1.7	ug/L	04/24/14	DD	SW 8270
Isophorone	ND	5.4	1.5	ug/L	04/24/14	DD	SW 8270
Naphthalene	ND	5.4	1.6	ug/L	04/24/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.1	1.1	ug/L	04/24/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.4	1.8	ug/L	04/24/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.4	2.1	ug/L	04/24/14	DD	SW 8270
Phenol	ND	1.1	1.7	ug/L	04/24/14	DD	SW 8270
Pyrene	ND	5.4	1.9	ug/L	04/24/14	DD	SW 8270
Pyridine	ND	11	1.3	ug/L	04/24/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	94			%	04/24/14	DD	15 - 110 %
% 2-Fluorobiphenyl	85			%	04/24/14	DD	30 - 130 %
% 2-Fluorophenol	47			%	04/24/14	DD	15 - 110 %
% Nitrobenzene-d5	85			%	04/24/14	DD	30 - 130 %
% Phenol-d5	19			%	04/24/14	DD	15 - 110 %
% Terphenyl-d14	66			%	04/24/14	DD	30 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.6		ug/L	04/23/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.11		ug/L	04/23/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.04	0.02		ug/L	04/23/14	DD	SW8270 (SIM) B*
Benzo(a)pyrene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.03	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Benzo(k)fluoranthene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.7		ug/L	04/23/14	DD	SW8270 (SIM)
Chrysene	0.03	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.5		ug/L	04/23/14	DD	SW8270 (SIM)
Hexachloroethane	ND	2.6		ug/L	04/23/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.03		ug/L	04/23/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11		ug/L	04/23/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.87		ug/L	04/23/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.11		ug/L	04/23/14	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	94			%	04/23/14	DD	15 - 110 %
% 2-Fluorobiphenyl	95			%	04/23/14	DD	30 - 130 %
% 2-Fluorophenol	58			%	04/23/14	DD	15 - 110 %
% Nitrobenzene-d5	96			%	04/23/14	DD	30 - 130 %
% Phenol-d5	23			%	04/23/14	DD	15 - 110 %
% Terphenyl-d14	69			%	04/23/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

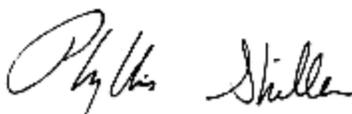
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:

Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 28, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 28, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 04/17/14 0:00
 04/21/14 16:07

Laboratory Data

SDG ID: GBG34983
 Phoenix ID: BG34986

Project ID: DOMINO SUGAR SITE F
 Client ID: TANK AREA MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	04/21/14	LK	SW6010
Aluminum (Dissolved)	0.17	0.01	0.0026	mg/L	04/21/14	LK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.001	mg/L	04/21/14	LK	SW6010
Barium (Dissolved)	0.012	0.011	0.001	mg/L	04/21/14	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	04/21/14	LK	SW6010
Calcium (Dissolved)	602	0.11	0.032	mg/L	04/21/14	LK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	04/21/14	LK	SW6010
Cobalt, (Dissolved)	0.009	0.005	0.001	mg/L	04/21/14	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	04/21/14	LK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	04/21/14	LK	SW6010
Iron, (Dissolved)	0.74	0.01	0.01	mg/L	04/21/14	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	04/22/14	RS	SW7470
Potassium (Dissolved)	21.8	0.1	0.1	mg/L	04/21/14	LK	SW6010
Magnesium (Dissolved)	32.7	0.01	0.001	mg/L	04/21/14	LK	SW6010
Manganese, (Dissolved)	1.84	0.005	0.001	mg/L	04/21/14	LK	SW6010
Sodium (Dissolved)	61.9	1.1	1.1	mg/L	04/21/14	LK	SW6010
Nickel, (Dissolved)	0.017	0.004	0.001	mg/L	04/21/14	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	04/21/14	LK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	04/23/14	RS	7010
Selenium, (Dissolved)	< 0.017	0.017	0.009	mg/L	04/24/14	RS	7010
Thallium , (Dissolved)	< 0.001	0.001	0.001	mg/L	04/22/14	RS	7010
Vanadium, (Dissolved)	< 0.01	0.01	0.001	mg/L	04/21/14	LK	SW6010
Zinc, (Dissolved)	0.035	0.011	0.001	mg/L	04/21/14	LK	SW6010
Filtration	Completed				04/21/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				04/22/14	I/I	SW7470
PCB Extraction	Completed				04/21/14	B/T	SW3510C
Extraction for Pest (2 Liter)	Completed				04/21/14	B	SW3510
Semi-Volatile Extraction	Completed				04/21/14	E/K/X	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				04/21/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
a-BHC	ND	0.005	0.005	ug/L	04/23/14	KCA	SW8081
a-chlordane	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Alachlor	ND	0.079	0.079	ug/L	04/23/14	KCA	SW8081
Aldrin	ND	0.002	0.002	ug/L	04/23/14	KCA	SW8081
b-BHC	ND	0.005	0.005	ug/L	04/23/14	KCA	SW8081
Chlordane	ND	0.10	0.10	ug/L	04/23/14	KCA	SW8081
d-BHC	ND	0.005	0.005	ug/L	04/23/14	KCA	SW8081
Dieldrin	ND	0.002	0.002	ug/L	04/23/14	KCA	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Endrin	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	04/23/14	KCA	SW8081
g-chlordane	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Heptachlor	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	04/23/14	KCA	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	04/23/14	KCA	SW8081
Toxaphene	ND	0.26	0.26	ug/L	04/23/14	KCA	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	56			%	04/23/14	KCA	SW8081
%TCMX (Surrogate Rec)	81			%	04/23/14	KCA	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.076	0.076	ug/L	04/22/14	AW	8082
PCB-1221	ND	0.076	0.076	ug/L	04/22/14	AW	8082
PCB-1232	ND	0.076	0.076	ug/L	04/22/14	AW	8082
PCB-1242	ND	0.076	0.076	ug/L	04/22/14	AW	8082
PCB-1248	ND	0.076	0.076	ug/L	04/22/14	AW	8082
PCB-1254	ND	0.076	0.076	ug/L	04/22/14	AW	8082
PCB-1260	ND	0.076	0.076	ug/L	04/22/14	AW	8082
PCB-1262	ND	0.076	0.076	ug/L	04/22/14	AW	8082
PCB-1268	ND	0.076	0.076	ug/L	04/22/14	AW	8082
<u>QA/QC Surrogates</u>							
% DCBP	58			%	04/22/14	AW	30 - 150 %
% TCMX	37			%	04/22/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	1.0	0.24	ug/L	04/24/14	RM	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	04/24/14	RM	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	04/24/14	RM	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	04/24/14	RM	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260
Acetone	ND	5.0	0.31	ug/L	04/24/14	RM	SW8260
Acrolein	ND	5.0	0.95	ug/L	04/24/14	RM	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	04/24/14	RM	SW8260
Benzene	ND	0.70	0.19	ug/L	04/24/14	RM	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260
Bromoform	ND	5.0	0.10	ug/L	04/24/14	RM	SW8260
Bromomethane	ND	5.0	0.25	ug/L	04/24/14	RM	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	04/24/14	RM	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	04/24/14	RM	SW8260
Chloroethane	ND	5.0	0.24	ug/L	04/24/14	RM	SW8260
Chloroform	ND	5.0	0.22	ug/L	04/24/14	RM	SW8260
Chloromethane	ND	5.0	0.21	ug/L	04/24/14	RM	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	04/24/14	RM	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	04/24/14	RM	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	04/24/14	RM	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	04/24/14	RM	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	04/24/14	RM	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	04/24/14	RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	04/24/14	RM	SW8260
Naphthalene	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260
o-Xylene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260
Styrene	ND	1.0	0.41	ug/L	04/24/14	RM	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	04/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/24/14	RM	SW8260
Toluene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	04/24/14	RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99			%	04/24/14	RM	70 - 130 %
% Bromofluorobenzene	98			%	04/24/14	RM	70 - 130 %
% Dibromofluoromethane	104			%	04/24/14	RM	70 - 130 %
% Toluene-d8	100			%	04/24/14	RM	70 - 130 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	04/24/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.4	ug/L	04/24/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	04/24/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.5	ug/L	04/24/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.5	ug/L	04/24/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	04/24/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	04/24/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	04/24/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	04/24/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	04/24/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	04/24/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	04/24/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	04/24/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	04/24/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	04/24/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	04/24/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	04/24/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	04/24/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	04/24/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	04/24/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	04/24/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	04/24/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	04/24/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	04/24/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	04/24/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	04/24/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	04/24/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	04/24/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	04/24/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	04/24/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	04/24/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	04/24/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	04/24/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	04/24/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	04/24/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	04/24/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	04/24/14	DD	SW 8270
Phenol	ND	1.0	1.6	ug/L	04/24/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	04/24/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	04/24/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	94			%	04/24/14	DD	15 - 110 %
% 2-Fluorobiphenyl	81			%	04/24/14	DD	30 - 130 %
% 2-Fluorophenol	61			%	04/24/14	DD	15 - 110 %
% Nitrobenzene-d5	83			%	04/24/14	DD	30 - 130 %
% Phenol-d5	66			%	04/24/14	DD	15 - 110 %
% Terphenyl-d14	92			%	04/24/14	DD	30 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.5		ug/L	04/23/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10		ug/L	04/23/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.06	0.02		ug/L	04/23/14	DD	SW8270 (SIM) B*
Benzo(a)pyrene	0.05	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.06	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	0.03	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.03	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6		ug/L	04/23/14	DD	SW8270 (SIM)
Chrysene	0.05	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.5		ug/L	04/23/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	2.4		ug/L	04/23/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.02	0.02		ug/L	04/23/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.03		ug/L	04/23/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10		ug/L	04/23/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80		ug/L	04/23/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10		ug/L	04/23/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	95			%	04/23/14	DD	15 - 110 %
% 2-Fluorobiphenyl	84			%	04/23/14	DD	30 - 130 %
% 2-Fluorophenol	77			%	04/23/14	DD	15 - 110 %
% Nitrobenzene-d5	94			%	04/23/14	DD	30 - 130 %
% Phenol-d5	75			%	04/23/14	DD	15 - 110 %
% Terphenyl-d14	84			%	04/23/14	DD	30 - 130 %

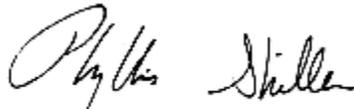
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 28, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 28, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

04/17/14
 04/21/14

Time

0:00
 16:07

Laboratory Data

SDG ID: GBG34983
 Phoenix ID: BG34987

Project ID: DOMINO SUGAR SITE F
 Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/22/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/22/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/22/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/22/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/22/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	04/22/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	04/22/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	04/22/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	04/22/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	04/22/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	04/22/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	04/22/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	04/22/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	04/22/14	MH	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	04/22/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	04/22/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	04/22/14	MH	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	04/22/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	04/22/14	MH	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	04/22/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	04/22/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	04/22/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	04/22/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	04/22/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	04/22/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	04/22/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	ND	5.0	0.31	ug/L	04/22/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	04/22/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	04/22/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	04/22/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	04/22/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	04/22/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	04/22/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	04/22/14	MH	SW8260
Bromomethane	ND	5.0	0.25	ug/L	04/22/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	04/22/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	04/22/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	04/22/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	04/22/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	04/22/14	MH	SW8260
Chloromethane	ND	5.0	0.21	ug/L	04/22/14	MH	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	04/22/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	04/22/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	04/22/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	04/22/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	04/22/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	04/22/14	MH	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	04/22/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	04/22/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	04/22/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	04/22/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	04/22/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	04/22/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	04/22/14	MH	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	04/22/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	04/22/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	04/22/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	04/22/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/22/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	04/22/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/22/14	MH	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	04/22/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/22/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	04/22/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/22/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/22/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/22/14	MH	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	04/22/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/22/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/22/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	04/22/14	MH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102			%	04/22/14	MH	70 - 130 %
% Bromofluorobenzene	78			%	04/22/14	MH	70 - 130 %
% Dibromofluoromethane	91			%	04/22/14	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	101			%	04/22/14	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

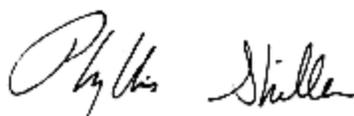
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 28, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



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QA/QC Report

April 28, 2014

QA/QC Data

SDG I.D.: GBG34983

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 271802, QC Sample No: BG33410 (BG34983, BG34984, BG34985, BG34986)												
Antimony (Dissolved)	BRL	<0.003	<0.005	NC	105	108	2.8	117	110	6.2		
Selenium (Dissolved)	BRL	<0.004	<0.010	NC	77.5	81.2	4.7	77.7	87.1	11.4		
Thallium (Dissolved)	BRL	<0.002	<0.005	NC	104	108	3.8	101	98.8	2.2	75 - 125	20
QA/QC Batch 272221, QC Sample No: BG34623 (BG34983, BG34984, BG34985, BG34986)												
Mercury - Water	BRL	<0.0002	<0.0002	NC	110	107	2.8	112	108	3.6	70 - 130	20
Comment:												
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.												
QA/QC Batch 272197, QC Sample No: BG34984 (BG34983, BG34984, BG34985, BG34986)												
<u>ICP Metals - Dissolved</u>												
Aluminum	BRL	0.13	0.11	16.7	101	103	2.0	108	111	2.7	75 - 125	20
Arsenic	BRL	<0.003	<0.004	NC	103	103	0.0	105	104	1.0	75 - 125	20
Barium	BRL	0.263	0.267	1.50	108	110	1.8	101	101	0.0	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	105	106	0.9	102	100	2.0	75 - 125	20
Cadmium	BRL	<0.004	<0.001	NC	104	106	1.9	97.3	95.7	1.7	75 - 125	20
Calcium	BRL	300	325	8.00	103	104	1.0	NC	NC	NC	75 - 125	20
Chromium	BRL	0.005	0.005	0	103	104	1.0	98.2	96.6	1.6	75 - 125	20
Cobalt	BRL	0.006	0.006	NC	108	109	0.9	101	99.9	1.1	75 - 125	20
Copper	BRL	0.071	0.072	1.40	106	106	0.0	108	106	1.9	75 - 125	20
Iron	BRL	0.58	0.542	6.80	108	108	0.0	94.8	93.1	1.8	75 - 125	20
Lead	BRL	0.260	0.265	1.90	103	104	1.0	96.9	95.4	1.6	75 - 125	20
Magnesium	BRL	0.03	0.02	NC	106	109	2.8	100	98.2	1.8	75 - 125	20
Manganese	BRL	<0.005	<0.001	NC	105	107	1.9	99.7	98.4	1.3	75 - 125	20
Nickel	BRL	0.010	0.010	NC	107	107	0.0	98.4	96.8	1.6	75 - 125	20
Potassium	BRL	166	174	4.70	103	107	3.8	NC	NC	NC	75 - 125	20
Silver	BRL	<0.005	<0.001	NC	101	102	1.0	91.5	86.2	6.0	75 - 125	20
Sodium	BRL	154	164	6.30	101	105	3.9	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.01	0.006	NC	104	105	1.0	102	100	2.0	75 - 125	20
Zinc	BRL	<0.011	0.003	NC	104	105	1.0	103	102	1.0	75 - 125	20



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Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 272378, QC Sample No: BG34871 (BG34983, BG34984 (5, 1X) , BG34985)									
Volatiles - Ground Water									
1,1,1,2-Tetrachloroethane	ND	104	103	1.0	101	98	3.0	70 - 130	30
1,1,1-Trichloroethane	ND	108	105	2.8	96	94	2.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	100	102	2.0	96	97	1.0	70 - 130	30
1,1,2-Trichloroethane	ND	100	97	3.0	94	91	3.2	70 - 130	30
1,1-Dichloroethane	ND	102	101	1.0	93	94	1.1	70 - 130	30
1,1-Dichloroethene	ND	102	101	1.0	88	96	8.7	70 - 130	30
1,1-Dichloropropene	ND	111	114	2.7	101	100	1.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	94	98	4.2	64	85	28.2	70 - 130	30 m
1,2,3-Trichloropropane	ND	104	108	3.8	98	95	3.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	98	101	3.0	78	92	16.5	70 - 130	30
1,2,4-Trimethylbenzene	ND	121	123	1.6	103	104	1.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	91	110	18.9	90	100	10.5	70 - 130	30
1,2-Dibromoethane	ND	101	102	1.0	90	96	6.5	70 - 130	30
1,2-Dichlorobenzene	ND	100	101	1.0	95	94	1.1	70 - 130	30
1,2-Dichloroethane	ND	106	104	1.9	98	96	2.1	70 - 130	30
1,2-Dichloropropane	ND	102	101	1.0	99	97	2.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	119	120	0.8	106	105	0.9	70 - 130	30
1,3-Dichlorobenzene	ND	102	102	0.0	95	96	1.0	70 - 130	30
1,3-Dichloropropane	ND	107	102	4.8	97	98	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	101	99	2.0	94	95	1.1	70 - 130	30
2,2-Dichloropropane	ND	90	87	3.4	63	62	1.6	70 - 130	30 m
2-Chlorotoluene	ND	107	110	2.8	99	101	2.0	70 - 130	30
2-Hexanone	ND	115	101	13.0	91	98	7.4	70 - 130	30
2-Isopropyltoluene	ND	114	114	0.0	103	104	1.0	70 - 130	30
4-Chlorotoluene	ND	113	113	0.0	101	103	2.0	70 - 130	30
4-Methyl-2-pentanone	ND	100	95	5.1	85	87	2.3	70 - 130	30
Acetone	ND	95	88	7.7	66	86	26.3	70 - 130	30 m
Acrolein	ND	87	83	4.7	77	83	7.5	70 - 130	30
Acrylonitrile	ND	105	88	17.6	92	96	4.3	70 - 130	30
Benzene	ND	105	103	1.9	99	98	1.0	70 - 130	30
Bromobenzene	ND	107	108	0.9	96	96	0.0	70 - 130	30
Bromochloromethane	ND	94	91	3.2	85	91	6.8	70 - 130	30
Bromodichloromethane	ND	100	97	3.0	91	94	3.2	70 - 130	30
Bromoform	ND	95	90	5.4	88	82	7.1	70 - 130	30
Bromomethane	ND	101	98	3.0	72	94	26.5	70 - 130	30
Carbon Disulfide	ND	95	92	3.2	86	90	4.5	70 - 130	30
Carbon tetrachloride	ND	108	108	0.0	99	96	3.1	70 - 130	30
Chlorobenzene	ND	102	100	2.0	100	95	5.1	70 - 130	30
Chloroethane	ND	98	98	0.0	89	100	11.6	70 - 130	30
Chloroform	ND	102	96	6.1	94	95	1.1	70 - 130	30
Chloromethane	ND	94	92	2.2	85	97	13.2	70 - 130	30

QA/QC Data

SDG I.D.: GBG34983

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	100	99	1.0	90	93	3.3	70 - 130	30
cis-1,3-Dichloropropene	ND	102	97	5.0	87	86	1.2	70 - 130	30
Dibromochloromethane	ND	104	103	1.0	93	90	3.3	70 - 130	30
Dibromomethane	ND	114	93	20.3	95	91	4.3	70 - 130	30
Dichlorodifluoromethane	ND	79	86	8.5	82	87	5.9	70 - 130	30
Ethylbenzene	ND	113	110	2.7	112	105	6.5	70 - 130	30
Hexachlorobutadiene	ND	104	106	1.9	85	85	0.0	70 - 130	30
Isopropylbenzene	ND	122	121	0.8	106	106	0.0	70 - 130	30
m&p-Xylene	ND	110	109	0.9	107	103	3.8	70 - 130	30
Methyl ethyl ketone	ND	81	80	1.2	90	93	3.3	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	98	97	1.0	86	91	5.6	70 - 130	30
Methylene chloride	ND	94	89	5.5	82	88	7.1	70 - 130	30
Naphthalene	ND	107	108	0.9	67	90	29.3	70 - 130	30
n-Butylbenzene	ND	122	121	0.8	98	98	0.0	70 - 130	30
n-Propylbenzene	ND	126	127	0.8	105	103	1.9	70 - 130	30
o-Xylene	ND	103	101	2.0	110	108	1.8	70 - 130	30
p-Isopropyltoluene	ND	123	122	0.8	104	101	2.9	70 - 130	30
sec-Butylbenzene	ND	119	116	2.6	103	100	3.0	70 - 130	30
Styrene	ND	97	96	1.0	106	103	2.9	70 - 130	30
tert-Butylbenzene	ND	123	124	0.8	107	106	0.9	70 - 130	30
Tetrachloroethene	ND	109	108	0.9	103	96	7.0	70 - 130	30
Tetrahydrofuran (THF)	ND	85	82	3.6	74	78	5.3	70 - 130	30
Toluene	ND	106	106	0.0	99	100	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	105	99	5.9	92	98	6.3	70 - 130	30
trans-1,3-Dichloropropene	ND	95	94	1.1	85	85	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	67	73	8.6	50	52	3.9	70 - 130	30
Trichloroethene	ND	108	108	0.0	98	97	1.0	70 - 130	30
Trichlorofluoromethane	ND	91	91	0.0	85	91	6.8	70 - 130	30
Trichlorotrifluoroethane	ND	80	87	8.4	78	82	5.0	70 - 130	30
Vinyl chloride	ND	92	97	5.3	84	95	12.3	70 - 130	30
% 1,2-dichlorobenzene-d4	106	100	100	0.0	98	100	2.0	70 - 130	30
% Bromofluorobenzene	84	100	96	4.1	97	97	0.0	70 - 130	30
% Dibromofluoromethane	97	98	89	9.6	96	94	2.1	70 - 130	30
% Toluene-d8	103	98	97	1.0	96	98	2.1	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 272171, QC Sample No: BG34983 (BG34983, BG34984, BG34985, BG34986)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	103	98	5.0				30 - 130	20
1,2,4-Trichlorobenzene	ND	97	92	5.3				30 - 130	20
1,2-Dichlorobenzene	ND	96	92	4.3				30 - 130	20
1,2-Diphenylhydrazine	ND	104	100	3.9				30 - 130	20
1,3-Dichlorobenzene	ND	94	91	3.2				30 - 130	20
1,4-Dichlorobenzene	ND	93	89	4.4				30 - 130	20
2,4,5-Trichlorophenol	ND	115	110	4.4				30 - 130	20
2,4,6-Trichlorophenol	ND	118	113	4.3				30 - 130	20
2,4-Dichlorophenol	ND	105	101	3.9				30 - 130	20
2,4-Dimethylphenol	ND	65	62	4.7				30 - 130	20
2,4-Dinitrophenol	ND	>200	>200	NC				30 - 130	20
2,4-Dinitrotoluene	ND	107	104	2.8				30 - 130	20
2,6-Dinitrotoluene	ND	109	105	3.7				30 - 130	20

QA/QC Data

SDG I.D.: GBG34983

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2-Chloronaphthalene	ND	113	109	3.6				30 - 130	20
2-Chlorophenol	ND	96	91	5.3				30 - 130	20
2-Methylnaphthalene	ND	102	96	6.1				30 - 130	20
2-Methylphenol (o-cresol)	ND	91	87	4.5				30 - 130	20
2-Nitroaniline	ND	128	130	1.6				30 - 130	20
2-Nitrophenol	ND	104	99	4.9				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	88	85	3.5				30 - 130	20
3,3'-Dichlorobenzidine	NR	>200	>200	NC				30 - 130	20
3-Nitroaniline	ND	163	154	5.7				30 - 130	20
4,6-Dinitro-2-methylphenol	ND	153	152	0.7				30 - 130	20
4-Bromophenyl phenyl ether	ND	110	107	2.8				30 - 130	20
4-Chloro-3-methylphenol	ND	104	99	4.9				30 - 130	20
4-Chloroaniline	ND	75	72	4.1				30 - 130	20
4-Chlorophenyl phenyl ether	ND	103	100	3.0				30 - 130	20
4-Nitroaniline	ND	109	105	3.7				30 - 130	20
4-Nitrophenol	ND	129	127	1.6				15 - 130	20
Acenaphthene	ND	108	103	4.7				30 - 130	20
Acenaphthylene	ND	104	100	3.9				30 - 130	20
Acetophenone	ND	99	94	5.2				30 - 130	20
Aniline	ND	70	68	2.9				30 - 130	20
Anthracene	ND	109	104	4.7				30 - 130	20
Benz(a)anthracene	0.02	115	109	5.4				30 - 130	20
Benzidine	ND	>200	>200	NC				30 - 130	20
Benzo(a)pyrene	ND	101	95	6.1				30 - 130	20
Benzo(b)fluoranthene	ND	116	110	5.3				30 - 130	20
Benzo(ghi)perylene	ND	87	86	1.2				30 - 130	20
Benzo(k)fluoranthene	ND	115	104	10.0				30 - 130	20
Benzoic acid	ND	81	89	9.4				30 - 130	20
Benzyl butyl phthalate	ND	103	101	2.0				30 - 130	20
Bis(2-chloroethoxy)methane	ND	101	96	5.1				30 - 130	20
Bis(2-chloroethyl)ether	ND	86	81	6.0				30 - 130	20
Bis(2-chloroisopropyl)ether	ND	97	93	4.2				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	111	107	3.7				30 - 130	20
Carbazole	ND	141	134	5.1				30 - 130	20
Chrysene	ND	103	96	7.0				30 - 130	20
Dibenz(a,h)anthracene	ND	98	95	3.1				30 - 130	20
Dibenzofuran	ND	107	102	4.8				30 - 130	20
Diethyl phthalate	ND	110	106	3.7				30 - 130	20
Dimethylphthalate	ND	106	103	2.9				30 - 130	20
Di-n-butylphthalate	ND	117	113	3.5				30 - 130	20
Di-n-octylphthalate	ND	111	108	2.7				30 - 130	20
Fluoranthene	ND	123	112	9.4				30 - 130	20
Fluorene	ND	105	101	3.9				30 - 130	20
Hexachlorobenzene	ND	106	104	1.9				30 - 130	20
Hexachlorobutadiene	ND	101	97	4.0				30 - 130	20
Hexachlorocyclopentadiene	ND	66	67	1.5				30 - 130	20
Hexachloroethane	ND	95	92	3.2				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	93	91	2.2				30 - 130	20
Isophorone	ND	109	103	5.7				30 - 130	20
Naphthalene	ND	101	96	5.1				30 - 130	20
Nitrobenzene	ND	100	95	5.1				30 - 130	20
N-Nitrosodimethylamine	ND	73	75	2.7				30 - 130	20
N-Nitrosodi-n-propylamine	ND	101	98	3.0				30 - 130	20

QA/QC Data

SDG I.D.: GBG34983

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
N-Nitrosodiphenylamine	ND	112	108	3.6				30 - 130	20
Pentachloronitrobenzene	ND	108	108	0.0				30 - 130	20
Pentachlorophenol	ND	140	141	0.7				30 - 130	20
Phenanthrene	ND	111	106	4.6				30 - 130	20
Phenol	ND	83	80	3.7				15 - 130	20
Pyrene	ND	127	116	9.1				30 - 130	20
Pyridine	ND	39	41	5.0				30 - 130	20
% 2,4,6-Tribromophenol	90	104	101	2.9				15 - 110	20
% 2-Fluorobiphenyl	92	104	100	3.9				30 - 130	20
% 2-Fluorophenol	92	73	71	2.8				15 - 110	20
% Nitrobenzene-d5	100	99	94	5.2				30 - 130	20
% Phenol-d5	87	75	72	4.1				15 - 110	20
% Terphenyl-d14	97	140	124	12.1				30 - 130	20

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 272177, QC Sample No: BG34984 (BG34984, BG34986)

Pesticides - Ground Water

4,4' -DDD	ND	87	89	2.3				40 - 140	20
4,4' -DDE	ND	87	87	0.0				40 - 140	20
4,4' -DDT	ND	85	83	2.4				40 - 140	20
a-BHC	ND	83	79	4.9				40 - 140	20
a-Chlordane	ND	83	81	2.4				40 - 140	20
Alachlor	ND	NA	NA	NC				40 - 140	20
Aldrin	ND	76	74	2.7				40 - 140	20
b-BHC	ND	89	85	4.6				40 - 140	20
Chlordane	ND	NA	NA	NC				40 - 140	20
d-BHC	ND	65	63	3.1				40 - 140	20
Dieldrin	ND	83	81	2.4				40 - 140	20
Endosulfan I	ND	89	86	3.4				40 - 140	20
Endosulfan II	ND	84	82	2.4				40 - 140	20
Endosulfan sulfate	ND	74	73	1.4				40 - 140	20
Endrin	ND	92	90	2.2				40 - 140	20
Endrin aldehyde	ND	94	83	12.4				40 - 140	20
Endrin ketone	ND	87	83	4.7				40 - 140	20
g-BHC	ND	82	78	5.0				40 - 140	20
g-Chlordane	ND	86	83	3.6				40 - 140	20
Heptachlor	ND	83	78	6.2				40 - 140	20
Heptachlor epoxide	ND	86	83	3.6				40 - 140	20
Methoxychlor	ND	85	82	3.6				40 - 140	20
Toxaphene	ND	NA	NA	NC				40 - 140	20
% DCBP	87	98	93	5.2				30 - 150	20
% TCMX	92	95	88	7.7				30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a MS and MSD. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported in the LCS, LCSD, MS and MSD.

QA/QC Batch 272176, QC Sample No: BG34984 (BG34984, BG34986)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	90	90	0.0				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20

QA/QC Data

SDG I.D.: GBG34983

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	93	94	1.1				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	83	98	96	2.1				30 - 150	20
% TCMX (Surrogate Rec)	90	84	82	2.4				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 272379, QC Sample No: BG34987 (BG34987)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	100	100	0.0				70 - 130	30
1,1,1-Trichloroethane	ND	88	94	6.6				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	98	96	2.1				70 - 130	30
1,1,2-Trichloroethane	ND	101	102	1.0				70 - 130	30
1,1-Dichloroethane	ND	94	98	4.2				70 - 130	30
1,1-Dichloroethene	ND	88	97	9.7				70 - 130	30
1,1-Dichloropropene	ND	92	98	6.3				70 - 130	30
1,2,3-Trichlorobenzene	ND	104	101	2.9				70 - 130	30
1,2,3-Trichloropropane	ND	102	96	6.1				70 - 130	30
1,2,4-Trichlorobenzene	ND	105	101	3.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	103	106	2.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	107	103	3.8				70 - 130	30
1,2-Dibromoethane	ND	104	103	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	97	94	3.1				70 - 130	30
1,2-Dichloroethane	ND	101	97	4.0				70 - 130	30
1,2-Dichloropropane	ND	100	98	2.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	97	102	5.0				70 - 130	30
1,3-Dichlorobenzene	ND	95	95	0.0				70 - 130	30
1,3-Dichloropropane	ND	104	104	0.0				70 - 130	30
1,4-Dichlorobenzene	ND	95	95	0.0				70 - 130	30
2,2-Dichloropropane	ND	79	87	9.6				70 - 130	30
2-Chlorotoluene	ND	91	97	6.4				70 - 130	30
2-Hexanone	ND	113	109	3.6				70 - 130	30
2-Isopropyltoluene	ND	94	97	3.1				70 - 130	30
4-Chlorotoluene	ND	101	101	0.0				70 - 130	30
4-Methyl-2-pentanone	ND	106	107	0.9				70 - 130	30
Acetone	ND	105	83	23.4				70 - 130	30
Acrolein	ND	94	93	1.1				70 - 130	30
Acrylonitrile	ND	88	87	1.1				70 - 130	30
Benzene	ND	95	97	2.1				70 - 130	30
Bromobenzene	ND	98	99	1.0				70 - 130	30
Bromochloromethane	ND	95	92	3.2				70 - 130	30
Bromodichloromethane	ND	97	96	1.0				70 - 130	30
Bromoform	ND	100	99	1.0				70 - 130	30
Bromomethane	ND	102	106	3.8				70 - 130	30
Carbon Disulfide	ND	82	88	7.1				70 - 130	30
Carbon tetrachloride	ND	86	93	7.8				70 - 130	30
Chlorobenzene	ND	94	96	2.1				70 - 130	30
Chloroethane	ND	91	99	8.4				70 - 130	30
Chloroform	ND	96	96	0.0				70 - 130	30
Chloromethane	ND	93	99	6.3				70 - 130	30

QA/QC Data

SDG I.D.: GBG34983

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	94	98	4.2				70 - 130	30
cis-1,3-Dichloropropene	ND	98	99	1.0				70 - 130	30
Dibromochloromethane	ND	103	105	1.9				70 - 130	30
Dibromomethane	ND	100	95	5.1				70 - 130	30
Dichlorodifluoromethane	ND	92	96	4.3				70 - 130	30
Ethylbenzene	ND	96	104	8.0				70 - 130	30
Hexachlorobutadiene	ND	81	82	1.2				70 - 130	30
Isopropylbenzene	ND	95	100	5.1				70 - 130	30
m&p-Xylene	ND	96	101	5.1				70 - 130	30
Methyl ethyl ketone	ND	93	94	1.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	100	94	6.2				70 - 130	30
Methylene chloride	ND	89	91	2.2				70 - 130	30
Naphthalene	ND	117	108	8.0				70 - 130	30
n-Butylbenzene	ND	92	98	6.3				70 - 130	30
n-Propylbenzene	ND	97	102	5.0				70 - 130	30
o-Xylene	ND	94	98	4.2				70 - 130	30
p-Isopropyltoluene	ND	93	99	6.3				70 - 130	30
sec-Butylbenzene	ND	86	93	7.8				70 - 130	30
Styrene	ND	94	97	3.1				70 - 130	30
tert-Butylbenzene	ND	94	99	5.2				70 - 130	30
Tetrachloroethene	ND	84	94	11.2				70 - 130	30
Tetrahydrofuran (THF)	ND	95	86	9.9				70 - 130	30
Toluene	ND	96	98	2.1				70 - 130	30
trans-1,2-Dichloroethene	ND	92	97	5.3				70 - 130	30
trans-1,3-Dichloropropene	ND	100	98	2.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	106	101	4.8				70 - 130	30
Trichloroethene	ND	93	96	3.2				70 - 130	30
Trichlorofluoromethane	ND	88	96	8.7				70 - 130	30
Trichlorotrifluoroethane	ND	83	93	11.4				70 - 130	30
Vinyl chloride	ND	91	99	8.4				70 - 130	30
% 1,2-dichlorobenzene-d4	112	100	99	1.0				70 - 130	30
% Bromofluorobenzene	84	102	104	1.9				70 - 130	30
% Dibromofluoromethane	102	100	100	0.0				70 - 130	30
% Toluene-d8	102	100	97	3.0				70 - 130	30

Comment:

The MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 272585, QC Sample No: BG35522 (BG34986)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	105	98	6.9	90	92	2.2	70 - 130	30
1,1,1-Trichloroethane	ND	103	96	7.0	90	91	1.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	103	97	6.0	82	89	8.2	70 - 130	30
1,1,2-Trichloroethane	ND	106	99	6.8	78	89	13.2	70 - 130	30
1,1-Dichloroethane	ND	105	98	6.9	89	91	2.2	70 - 130	30
1,1-Dichloroethene	ND	105	95	10.0	91	92	1.1	70 - 130	30
1,1-Dichloropropene	ND	104	96	8.0	92	91	1.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	111	109	1.8	71	92	25.8	70 - 130	30
1,2,3-Trichloropropane	ND	109	99	9.6	79	94	17.3	70 - 130	30
1,2,4-Trichlorobenzene	ND	110	108	1.8	81	95	15.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	112	106	5.5	94	91	3.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	108	106	1.9	77	91	16.7	70 - 130	30
1,2-Dibromoethane	ND	105	102	2.9	79	89	11.9	70 - 130	30

QA/QC Data

SDG I.D.: GBG34983

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichlorobenzene	ND	104	98	5.9	87	90	3.4	70 - 130	30	
1,2-Dichloroethane	ND	103	96	7.0	85	90	5.7	70 - 130	30	
1,2-Dichloropropane	ND	104	99	4.9	85	90	5.7	70 - 130	30	
1,3,5-Trimethylbenzene	ND	108	102	5.7	92	92	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	107	100	6.8	90	90	0.0	70 - 130	30	
1,3-Dichloropropane	ND	106	99	6.8	84	90	6.9	70 - 130	30	
1,4-Dichlorobenzene	ND	104	98	5.9	90	89	1.1	70 - 130	30	
2,2-Dichloropropane	ND	98	91	7.4	95	94	1.1	70 - 130	30	
2-Chlorotoluene	ND	106	101	4.8	95	91	4.3	70 - 130	30	
2-Hexanone	ND	114	103	10.1	75	94	22.5	70 - 130	30	
2-Isopropyltoluene	ND	108	103	4.7	93	90	3.3	70 - 130	30	
4-Chlorotoluene	ND	110	105	4.7	95	90	5.4	70 - 130	30	
4-Methyl-2-pentanone	ND	110	105	4.7	71	90	23.6	70 - 130	30	
Acetone	ND	105	96	9.0	74	82	10.3	70 - 130	30	
Acrolein	ND	106	100	5.8	69	83	18.4	70 - 130	30	m
Acrylonitrile	ND	104	102	1.9	78	91	15.4	70 - 130	30	
Benzene	ND	104	97	7.0	91	89	2.2	70 - 130	30	
Bromobenzene	ND	106	103	2.9	91	92	1.1	70 - 130	30	
Bromochloromethane	ND	102	97	5.0	80	91	12.9	70 - 130	30	
Bromodichloromethane	ND	103	96	7.0	86	90	4.5	70 - 130	30	
Bromoform	ND	105	101	3.9	82	89	8.2	70 - 130	30	
Bromomethane	ND	113	101	11.2	57	81	34.8	70 - 130	30	m,r
Carbon Disulfide	ND	102	93	9.2	89	89	0.0	70 - 130	30	
Carbon tetrachloride	ND	105	95	10.0	91	92	1.1	70 - 130	30	
Chlorobenzene	ND	105	97	7.9	91	90	1.1	70 - 130	30	
Chloroethane	ND	102	95	7.1	89	88	1.1	70 - 130	30	
Chloroform	ND	102	95	7.1	88	90	2.2	70 - 130	30	
Chloromethane	ND	110	103	6.6	89	90	1.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	104	99	4.9	86	92	6.7	70 - 130	30	
cis-1,3-Dichloropropene	ND	103	96	7.0	87	91	4.5	70 - 130	30	
Dibromochloromethane	ND	105	101	3.9	86	91	5.6	70 - 130	30	
Dibromomethane	ND	104	98	5.9	80	89	10.7	70 - 130	30	
Dichlorodifluoromethane	ND	105	98	6.9	94	98	4.2	70 - 130	30	
Ethylbenzene	ND	105	96	9.0	93	90	3.3	70 - 130	30	
Hexachlorobutadiene	ND	111	106	4.6	86	95	9.9	70 - 130	30	
Isopropylbenzene	ND	109	103	5.7	93	91	2.2	70 - 130	30	
m&p-Xylene	ND	106	98	7.8	93	90	3.3	70 - 130	30	
Methyl ethyl ketone	ND	98	85	14.2	69	85	20.8	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	100	95	5.1	78	87	10.9	70 - 130	30	
Methylene chloride	ND	100	93	7.3	82	87	5.9	70 - 130	30	
Naphthalene	ND	118	113	4.3	79	100	23.5	70 - 130	30	
n-Butylbenzene	ND	112	106	5.5	90	94	4.3	70 - 130	30	
n-Propylbenzene	ND	114	108	5.4	92	91	1.1	70 - 130	30	
o-Xylene	ND	106	99	6.8	94	92	2.2	70 - 130	30	
p-Isopropyltoluene	ND	110	104	5.6	93	94	1.1	70 - 130	30	
sec-Butylbenzene	ND	106	100	5.8	91	92	1.1	70 - 130	30	
Styrene	ND	106	99	6.8	90	91	1.1	70 - 130	30	
tert-Butylbenzene	ND	109	104	4.7	93	93	0.0	70 - 130	30	
Tetrachloroethene	ND	108	96	11.8	92	90	2.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	101	97	4.0	71	88	21.4	70 - 130	30	
Toluene	ND	103	96	7.0	89	88	1.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	104	98	5.9	93	91	2.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	101	94	7.2	85	91	6.8	70 - 130	30	

QA/QC Data

SDG I.D.: GBG34983

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,4-dichloro-2-butene	ND	107	107	0.0	85	88	3.5	70 - 130	30
Trichloroethene	ND	104	97	7.0	90	89	1.1	70 - 130	30
Trichlorofluoromethane	ND	99	93	6.3	93	97	4.2	70 - 130	30
Trichlorotrifluoroethane	ND	98	92	6.3	92	98	6.3	70 - 130	30
Vinyl chloride	ND	106	99	6.8	87	90	3.4	70 - 130	30
% 1,2-dichlorobenzene-d4	100	101	100	1.0	98	101	3.0	70 - 130	30
% Bromofluorobenzene	98	100	96	4.1	98	99	1.0	70 - 130	30
% Dibromofluoromethane	97	100	98	2.0	95	99	4.1	70 - 130	30
% Toluene-d8	101	100	100	0.0	100	98	2.0	70 - 130	30

Comment:

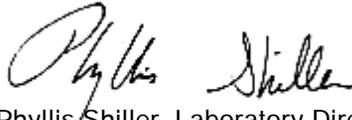
A blank MS/MSD was analyzed with this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

- l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
- m = This parameter is outside laboratory ms/msd specified recovery limits.
- r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 April 28, 2014

Monday, April 28, 2014

Criteria: NY: 375, 375RRS, 375RS

State: NY

Sample Criteria Exceedences Report

GBG34983 - EBC

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

April 28, 2014

SDG I.D.: GBG34983

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

Temp 46C Pg of 1
 Data Delivery: Fax #: WCLP
 Email:

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726



Customer: EBC Project: DOMINO SUGAR SITE F
 Address: 1808 Middle Country Road Report to: 631 504 6000
Ridge, NY Invoice to:

Analysis Request
WKS 8260
TKL MKLS Dis-Adv
BLT PCBs Botl/For2

Client Sample - Information - Identification
 Sampler's Signature: [Signature] Date: 4-17-14
 Matrix Code: WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
#34983	B-MW1	GW	4-17-14		X
34984	B-MW2				X
34985	B-MW3				X
34986	TANK AREA MW2				X
34987	Trip Blank				X

Relinquished by: [Signature] Accepted by: [Signature] Date: 4-20-14 Time: 9:15
 Date: 4-21-14 Time: 10:07
 Turnaround: 1 Day* 2 Days* 3 Days* 5 Days 10 Days Other
 * SURCHARGE APPLIES

State where samples were collected: NY

Comments, Special Requirements or Regulations:
*ONE AMPER ROAD 1/2 FULL FOR ELEM (TP)

NY Res. Criteria TOGS GA GW Phoenix Std Report
 Non-Res. Criteria CP-51 Soil Excel
 Impact to GW Soil Cleanup Criteria NY375 Unrestricted Soil PDF
 GW Criteria NY375 Residential Soil GIS/Key
 NY375 Restricted Non-Residential Soil EQ/IS
 NY EZ EDD (ASP) NJ Hazsite EDD
 Other Other

Data Package: NJ Reduced Deliv. * NY Enhanced (ASP B) * Other



Wednesday, April 23, 2014

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: DOMINO SUGAR SITE B
Sample ID#s: BG34100 - BG34103

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

April 23, 2014

SDG I.D.: GBG34100

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

04/16/14
 04/17/14

Time

0:00
 17:15

Laboratory Data

SDG ID: GBG34100
 Phoenix ID: BG34100

Project ID: DOMINO SUGAR SITE B
 Client ID: B-SG4 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.22	mg/Kg	04/18/14	EK	SW6010
Aluminum	10900	37	2.2	mg/Kg	04/18/14	EK	SW6010
Arsenic	30.3	0.7	0.29	mg/Kg	04/18/14	EK	SW6010
Barium	99.6	0.7	0.15	mg/Kg	04/18/14	EK	SW6010
Beryllium	0.67	0.29	0.15	mg/Kg	04/18/14	EK	SW6010
Calcium	17500	37	34	mg/Kg	04/18/14	EK	SW6010
Cadmium	1.37	0.37	0.15	mg/Kg	04/18/14	EK	SW6010
Cobalt	7.69	0.37	0.15	mg/Kg	04/18/14	EK	SW6010
Chromium	20.5	0.37	0.15	mg/Kg	04/18/14	EK	SW6010
Copper	159	3.7	2.9	mg/kg	04/18/14	EK	SW6010
Iron	38200	37	37	mg/Kg	04/18/14	EK	SW6010
Mercury	0.37	0.07	0.04	mg/Kg	04/18/14	RS	SW-7471
Potassium	1250	7	2.9	mg/Kg	04/18/14	EK	SW6010
Magnesium	4200	3.7	0.22	mg/Kg	04/18/14	EK	SW6010
Manganese	450	3.7	1.5	mg/Kg	04/18/14	EK	SW6010
Sodium	272	7	3.2	mg/Kg	04/18/14	EK	SW6010
Nickel	21.3	0.37	0.15	mg/Kg	04/18/14	EK	SW6010
Lead	332	7.4	2.2	mg/Kg	04/18/14	EK	SW6010
Antimony	2.5	1.8	2.2	mg/Kg	04/18/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	04/18/14	EK	SW6010
Thallium	< 1.5	1.5	1.2	mg/Kg	04/18/14	EK	SW6010
Vanadium	39.1	0.4	0.15	mg/Kg	04/18/14	EK	SW6010
Zinc	202	7.4	3.7	mg/Kg	04/18/14	EK	SW6010
Percent Solid	86			%	04/17/14	I	E160.3
Soil Extraction for PCB	Completed				04/17/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/17/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/17/14	JJ/FV	SW3545
Mercury Digestion	Completed				04/18/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/17/14	AG	SW846 - 3050
Field Extraction	Completed				04/16/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	04/21/14	AW	SW 8082

QA/QC Surrogates

% DCBP	86			%	04/21/14	AW	30 - 150 %
% TCMX	76			%	04/21/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.8	2.8	ug/Kg	04/19/14	CE	SW8081
4,4' -DDE	ND	2.8	2.8	ug/Kg	04/19/14	CE	SW8081
4,4' -DDT	ND	2.8	2.8	ug/Kg	04/19/14	CE	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Chlordane	ND	23	23	ug/Kg	04/19/14	CE	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Endrin	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Methoxychlor	ND	7.7	7.7	ug/Kg	04/19/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	04/19/14	CE	SW8081

QA/QC Surrogates

% DCBP	107			%	04/19/14	CE	30 - 150 %
% TCMX	78			%	04/19/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.1	1.2	ug/Kg	04/19/14	HM	SW8260
1,1,1-Trichloroethane	ND	7.1	1.4	ug/Kg	04/19/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	7.1	1.0	ug/Kg	04/19/14	HM	SW8260
1,1,2-Trichloroethane	ND	7.1	0.70	ug/Kg	04/19/14	HM	SW8260
1,1-Dichloroethane	ND	7.1	1.4	ug/Kg	04/19/14	HM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.1	1.5	ug/Kg	04/19/14	HM	SW8260
1,1-Dichloropropene	ND	7.1	1.4	ug/Kg	04/19/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	290	58	ug/Kg	04/19/14	HM	SW8260
1,2,3-Trichloropropane	ND	290	41	ug/Kg	04/19/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	290	58	ug/Kg	04/19/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	290	42	ug/Kg	04/19/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	290	77	ug/Kg	04/19/14	HM	SW8260
1,2-Dibromoethane	ND	7.1	1.9	ug/Kg	04/19/14	HM	SW8260
1,2-Dichlorobenzene	ND	290	32	ug/Kg	04/19/14	HM	SW8260
1,2-Dichloroethane	ND	7.1	0.62	ug/Kg	04/19/14	HM	SW8260
1,2-Dichloropropane	ND	7.1	1.0	ug/Kg	04/19/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	290	38	ug/Kg	04/19/14	HM	SW8260
1,3-Dichlorobenzene	ND	290	43	ug/Kg	04/19/14	HM	SW8260
1,3-Dichloropropane	ND	7.1	0.75	ug/Kg	04/19/14	HM	SW8260
1,4-Dichlorobenzene	ND	290	46	ug/Kg	04/19/14	HM	SW8260
2,2-Dichloropropane	ND	7.1	1.2	ug/Kg	04/19/14	HM	SW8260
2-Chlorotoluene	ND	290	46	ug/Kg	04/19/14	HM	SW8260
2-Hexanone	ND	35	3.2	ug/Kg	04/19/14	HM	SW8260
2-Isopropyltoluene	ND	290	40	ug/Kg	04/19/14	HM	SW8260
4-Chlorotoluene	ND	290	33	ug/Kg	04/19/14	HM	SW8260
4-Methyl-2-pentanone	ND	35	1.7	ug/Kg	04/19/14	HM	SW8260
Acetone	ND	50	7.1	ug/Kg	04/19/14	HM	SW8260
Acrylonitrile	ND	14	4.0	ug/Kg	04/19/14	HM	SW8260
Benzene	ND	7.1	1.4	ug/Kg	04/19/14	HM	SW8260
Bromobenzene	ND	290	37	ug/Kg	04/19/14	HM	SW8260
Bromochloromethane	ND	7.1	1.0	ug/Kg	04/19/14	HM	SW8260
Bromodichloromethane	ND	7.1	0.88	ug/Kg	04/19/14	HM	SW8260
Bromoform	ND	7.1	0.99	ug/Kg	04/19/14	HM	SW8260
Bromomethane	ND	7.1	5.5	ug/Kg	04/19/14	HM	SW8260
Carbon Disulfide	ND	7.1	1.1	ug/Kg	04/19/14	HM	SW8260
Carbon tetrachloride	ND	7.1	0.82	ug/Kg	04/19/14	HM	SW8260
Chlorobenzene	ND	7.1	1.0	ug/Kg	04/19/14	HM	SW8260
Chloroethane	ND	7.1	1.7	ug/Kg	04/19/14	HM	SW8260
Chloroform	ND	7.1	1.3	ug/Kg	04/19/14	HM	SW8260
Chloromethane	ND	7.1	3.7	ug/Kg	04/19/14	HM	SW8260
cis-1,2-Dichloroethene	ND	7.1	1.5	ug/Kg	04/19/14	HM	SW8260
cis-1,3-Dichloropropene	ND	7.1	0.77	ug/Kg	04/19/14	HM	SW8260
Dibromochloromethane	ND	7.1	0.79	ug/Kg	04/19/14	HM	SW8260
Dibromomethane	ND	7.1	0.89	ug/Kg	04/19/14	HM	SW8260
Dichlorodifluoromethane	ND	7.1	1.9	ug/Kg	04/19/14	HM	SW8260
Ethylbenzene	ND	7.1	1.3	ug/Kg	04/19/14	HM	SW8260
Hexachlorobutadiene	ND	290	61	ug/Kg	04/19/14	HM	SW8260
Isopropylbenzene	ND	290	55	ug/Kg	04/19/14	HM	SW8260
m&p-Xylene	ND	7.1	2.8	ug/Kg	04/19/14	HM	SW8260
Methyl Ethyl Ketone	ND	43	6.2	ug/Kg	04/19/14	HM	SW8260
Methyl t-butyl ether (MTBE)	ND	14	2.0	ug/Kg	04/19/14	HM	SW8260
Methylene chloride	ND	7.1	1.2	ug/Kg	04/19/14	HM	SW8260
Naphthalene	ND	290	77	ug/Kg	04/19/14	HM	SW8260
n-Butylbenzene	ND	290	52	ug/Kg	04/19/14	HM	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	290	52	ug/Kg	04/19/14	HM	SW8260
o-Xylene	ND	7.1	2.7	ug/Kg	04/19/14	HM	SW8260
p-Isopropyltoluene	ND	290	42	ug/Kg	04/19/14	HM	SW8260
sec-Butylbenzene	ND	290	54	ug/Kg	04/19/14	HM	SW8260
Styrene	ND	7.1	2.0	ug/Kg	04/19/14	HM	SW8260
tert-Butylbenzene	ND	290	46	ug/Kg	04/19/14	HM	SW8260
Tetrachloroethene	ND	7.1	1.5	ug/Kg	04/19/14	HM	SW8260
Tetrahydrofuran (THF)	ND	14	6.4	ug/Kg	04/19/14	HM	SW8260
Toluene	ND	7.1	1.1	ug/Kg	04/19/14	HM	SW8260
trans-1,2-Dichloroethene	ND	7.1	1.4	ug/Kg	04/19/14	HM	SW8260
trans-1,3-Dichloropropene	ND	7.1	1.4	ug/Kg	04/19/14	HM	SW8260
trans-1,4-dichloro-2-butene	ND	580	540	ug/Kg	04/19/14	HM	SW8260
Trichloroethene	ND	7.1	1.5	ug/Kg	04/19/14	HM	SW8260
Trichlorofluoromethane	ND	7.1	1.6	ug/Kg	04/19/14	HM	SW8260
Trichlorotrifluoroethane	ND	7.1	1.1	ug/Kg	04/19/14	HM	SW8260
Vinyl chloride	ND	7.1	2.3	ug/Kg	04/19/14	HM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	97			%	04/19/14	HM	70 - 130 %
% Bromofluorobenzene	95			%	04/19/14	HM	70 - 130 %
% Dibromofluoromethane	88			%	04/19/14	HM	70 - 130 %
% Toluene-d8	83			%	04/19/14	HM	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	540	270	ug/Kg	04/18/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	540	230	ug/Kg	04/18/14	DD	SW 8270
1,2-Dichlorobenzene	ND	540	220	ug/Kg	04/18/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	540	250	ug/Kg	04/18/14	DD	SW 8270
1,3-Dichlorobenzene	ND	540	230	ug/Kg	04/18/14	DD	SW 8270
1,4-Dichlorobenzene	ND	540	230	ug/Kg	04/18/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	540	420	ug/Kg	04/18/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	540	250	ug/Kg	04/18/14	DD	SW 8270
2,4-Dichlorophenol	ND	540	270	ug/Kg	04/18/14	DD	SW 8270
2,4-Dimethylphenol	ND	540	190	ug/Kg	04/18/14	DD	SW 8270
2,4-Dinitrophenol	ND	3900	540	ug/Kg	04/18/14	DD	SW 8270
2,4-Dinitrotoluene	ND	540	300	ug/Kg	04/18/14	DD	SW 8270
2,6-Dinitrotoluene	ND	540	240	ug/Kg	04/18/14	DD	SW 8270
2-Chloronaphthalene	ND	540	220	ug/Kg	04/18/14	DD	SW 8270
2-Chlorophenol	ND	540	220	ug/Kg	04/18/14	DD	SW 8270
2-Methylnaphthalene	ND	540	230	ug/Kg	04/18/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	540	360	ug/Kg	04/18/14	DD	SW 8270
2-Nitroaniline	ND	3900	780	ug/Kg	04/18/14	DD	SW 8270
2-Nitrophenol	ND	540	490	ug/Kg	04/18/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	540	300	ug/Kg	04/18/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1500	370	ug/Kg	04/18/14	DD	SW 8270
3-Nitroaniline	ND	3900	1700	ug/Kg	04/18/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	3900	830	ug/Kg	04/18/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	540	230	ug/Kg	04/18/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	540	270	ug/Kg	04/18/14	DD	SW 8270
4-Chloroaniline	ND	1500	360	ug/Kg	04/18/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	540	260	ug/Kg	04/18/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	3900	260	ug/Kg	04/18/14	DD	SW 8270
4-Nitrophenol	ND	3900	350	ug/Kg	04/18/14	DD	SW 8270
Acenaphthene	420	J 540	240	ug/Kg	04/18/14	DD	SW 8270
Acenaphthylene	ND	540	220	ug/Kg	04/18/14	DD	SW 8270
Acetophenone	ND	540	240	ug/Kg	04/18/14	DD	SW 8270
Aniline	ND	3900	1600	ug/Kg	04/18/14	DD	SW 8270
Anthracene	980	540	250	ug/Kg	04/18/14	DD	SW 8270
Benz(a)anthracene	2000	540	260	ug/Kg	04/18/14	DD	SW 8270
Benzidine	ND	1500	450	ug/Kg	04/18/14	DD	SW 8270
Benzo(a)pyrene	1800	540	250	ug/Kg	04/18/14	DD	SW 8270
Benzo(b)fluoranthene	2700	540	260	ug/Kg	04/18/14	DD	SW 8270
Benzo(ghi)perylene	550	540	250	ug/Kg	04/18/14	DD	SW 8270
Benzo(k)fluoranthene	650	540	260	ug/Kg	04/18/14	DD	SW 8270
Benzoic acid	ND	3900	1500	ug/Kg	04/18/14	DD	SW 8270
Benzyl butyl phthalate	ND	540	200	ug/Kg	04/18/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	540	210	ug/Kg	04/18/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	540	210	ug/Kg	04/18/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	540	220	ug/Kg	04/18/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	540	220	ug/Kg	04/18/14	DD	SW 8270
Carbazole	ND	3900	590	ug/Kg	04/18/14	DD	SW 8270
Chrysene	2100	540	260	ug/Kg	04/18/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	540	250	ug/Kg	04/18/14	DD	SW 8270
Dibenzofuran	320	J 540	230	ug/Kg	04/18/14	DD	SW 8270
Diethyl phthalate	ND	540	240	ug/Kg	04/18/14	DD	SW 8270
Dimethylphthalate	ND	540	240	ug/Kg	04/18/14	DD	SW 8270
Di-n-butylphthalate	ND	540	210	ug/Kg	04/18/14	DD	SW 8270
Di-n-octylphthalate	ND	540	200	ug/Kg	04/18/14	DD	SW 8270
Fluoranthene	4000	540	250	ug/Kg	04/18/14	DD	SW 8270
Fluorene	370	J 540	260	ug/Kg	04/18/14	DD	SW 8270
Hexachlorobenzene	ND	540	230	ug/Kg	04/18/14	DD	SW 8270
Hexachlorobutadiene	ND	540	280	ug/Kg	04/18/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	540	240	ug/Kg	04/18/14	DD	SW 8270
Hexachloroethane	ND	540	230	ug/Kg	04/18/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	590	540	260	ug/Kg	04/18/14	DD	SW 8270
Isophorone	ND	540	220	ug/Kg	04/18/14	DD	SW 8270
Naphthalene	370	J 540	220	ug/Kg	04/18/14	DD	SW 8270
Nitrobenzene	ND	540	270	ug/Kg	04/18/14	DD	SW 8270
N-Nitrosodimethylamine	ND	540	220	ug/Kg	04/18/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	540	250	ug/Kg	04/18/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	540	300	ug/Kg	04/18/14	DD	SW 8270
Pentachloronitrobenzene	ND	540	290	ug/Kg	04/18/14	DD	SW 8270
Pentachlorophenol	ND	540	290	ug/Kg	04/18/14	DD	SW 8270
Phenanthrene	4000	540	220	ug/Kg	04/18/14	DD	SW 8270
Phenol	ND	540	250	ug/Kg	04/18/14	DD	SW 8270
Pyrene	3500	540	270	ug/Kg	04/18/14	DD	SW 8270
Pyridine	ND	540	190	ug/Kg	04/18/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	101			%	04/18/14	DD	30 - 130 %
% 2-Fluorobiphenyl	85			%	04/18/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	79			%	04/18/14	DD	30 - 130 %
% Nitrobenzene-d5	86			%	04/18/14	DD	30 - 130 %
% Phenol-d5	81			%	04/18/14	DD	30 - 130 %
% Terphenyl-d14	81			%	04/18/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

Volatile Comment:

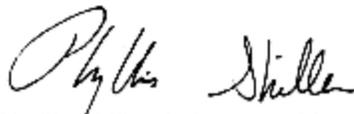
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 23, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

04/16/14
 04/17/14

Time

0:00
 17:15

Laboratory Data

SDG ID: GBG34100
 Phoenix ID: BG34101

Project ID: DOMINO SUGAR SITE B
 Client ID: B-SG4 14-16

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.49	0.49	0.29	mg/Kg	04/18/14	EK	SW6010
Aluminum	8690	49	2.9	mg/Kg	04/18/14	EK	SW6010
Arsenic	4.8	1.0	0.39	mg/Kg	04/18/14	EK	SW6010
Barium	90.5	1.0	0.20	mg/Kg	04/18/14	EK	SW6010
Beryllium	0.41	0.39	0.20	mg/Kg	04/18/14	EK	SW6010
Calcium	15600	49	45	mg/Kg	04/18/14	EK	SW6010
Cadmium	0.74	0.49	0.20	mg/Kg	04/18/14	EK	SW6010
Cobalt	8.85	0.49	0.20	mg/Kg	04/18/14	EK	SW6010
Chromium	21.0	0.49	0.20	mg/Kg	04/18/14	EK	SW6010
Copper	106	0.49	0.39	mg/kg	04/18/14	EK	SW6010
Iron	36300	49	49	mg/Kg	04/18/14	EK	SW6010
Mercury	< 0.10	0.10	0.06	mg/Kg	04/18/14	RS	SW-7471
Potassium	1680	10	3.8	mg/Kg	04/18/14	EK	SW6010
Magnesium	2880	4.9	0.29	mg/Kg	04/18/14	EK	SW6010
Manganese	336	4.9	2.0	mg/Kg	04/18/14	EK	SW6010
Sodium	215	10	4.2	mg/Kg	04/18/14	EK	SW6010
Nickel	23.2	0.49	0.20	mg/Kg	04/18/14	EK	SW6010
Lead	114	1.0	0.29	mg/Kg	04/18/14	EK	SW6010
Antimony	< 2.4	2.4	2.9	mg/Kg	04/18/14	EK	SW6010
Selenium	< 2.0	2.0	1.7	mg/Kg	04/18/14	EK	SW6010
Thallium	< 2.0	2.0	1.6	mg/Kg	04/18/14	EK	SW6010
Vanadium	27.0	0.5	0.20	mg/Kg	04/18/14	EK	SW6010
Zinc	127	1.0	0.49	mg/Kg	04/18/14	EK	SW6010
Percent Solid	73			%	04/17/14	I	E160.3
Soil Extraction for SVOA	Completed				04/17/14	JJ/FV	SW3545
Mercury Digestion	Completed				04/18/14	I/I	SW7471
Total Metals Digest	Completed				04/17/14	AG	SW846 - 3050
Field Extraction	Completed				04/16/14		SW5035

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	9.0	1.5	ug/Kg	04/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.0	1.8	ug/Kg	04/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.0	0.89	ug/Kg	04/19/14	JLI	SW8260
1,1-Dichloroethane	ND	9.0	1.8	ug/Kg	04/19/14	JLI	SW8260
1,1-Dichloroethene	ND	9.0	2.0	ug/Kg	04/19/14	JLI	SW8260
1,1-Dichloropropene	ND	9.0	1.8	ug/Kg	04/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	9.0	1.8	ug/Kg	04/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	9.0	1.8	ug/Kg	04/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	9.0	2.4	ug/Kg	04/19/14	JLI	SW8260
1,2-Dibromoethane	ND	9.0	2.4	ug/Kg	04/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	9.0	0.99	ug/Kg	04/19/14	JLI	SW8260
1,2-Dichloroethane	ND	9.0	0.80	ug/Kg	04/19/14	JLI	SW8260
1,2-Dichloropropane	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	9.0	1.2	ug/Kg	04/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
1,3-Dichloropropane	ND	9.0	0.96	ug/Kg	04/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	9.0	1.4	ug/Kg	04/19/14	JLI	SW8260
2,2-Dichloropropane	ND	9.0	1.5	ug/Kg	04/19/14	JLI	SW8260
2-Chlorotoluene	ND	9.0	1.4	ug/Kg	04/19/14	JLI	SW8260
2-Hexanone	ND	45	4.1	ug/Kg	04/19/14	JLI	SW8260
2-Isopropyltoluene	ND	9.0	1.2	ug/Kg	04/19/14	JLI	SW8260
4-Chlorotoluene	ND	9.0	1.0	ug/Kg	04/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	45	2.2	ug/Kg	04/19/14	JLI	SW8260
Acetone	ND	50	9.0	ug/Kg	04/19/14	JLI	SW8260
Acrylonitrile	ND	18	5.1	ug/Kg	04/19/14	JLI	SW8260
Benzene	ND	9.0	1.8	ug/Kg	04/19/14	JLI	SW8260
Bromobenzene	ND	9.0	1.2	ug/Kg	04/19/14	JLI	SW8260
Bromochloromethane	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
Bromodichloromethane	ND	9.0	1.1	ug/Kg	04/19/14	JLI	SW8260
Bromoform	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
Bromomethane	ND	9.0	7.0	ug/Kg	04/19/14	JLI	SW8260
Carbon Disulfide	ND	9.0	1.5	ug/Kg	04/19/14	JLI	SW8260
Carbon tetrachloride	ND	9.0	1.0	ug/Kg	04/19/14	JLI	SW8260
Chlorobenzene	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
Chloroethane	ND	9.0	2.1	ug/Kg	04/19/14	JLI	SW8260
Chloroform	ND	9.0	1.6	ug/Kg	04/19/14	JLI	SW8260
Chloromethane	ND	9.0	4.7	ug/Kg	04/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	9.0	2.0	ug/Kg	04/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	9.0	0.98	ug/Kg	04/19/14	JLI	SW8260
Dibromochloromethane	ND	9.0	1.0	ug/Kg	04/19/14	JLI	SW8260
Dibromomethane	ND	9.0	1.1	ug/Kg	04/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	9.0	2.4	ug/Kg	04/19/14	JLI	SW8260
Ethylbenzene	ND	9.0	1.6	ug/Kg	04/19/14	JLI	SW8260
Hexachlorobutadiene	ND	9.0	1.9	ug/Kg	04/19/14	JLI	SW8260
Isopropylbenzene	ND	9.0	1.7	ug/Kg	04/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
m&p-Xylene	ND	9.0	3.6	ug/Kg	04/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	54	7.8	ug/Kg	04/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	04/19/14	JLI	SW8260
Methylene chloride	ND	9.0	1.5	ug/Kg	04/19/14	JLI	SW8260
Naphthalene	ND	9.0	2.4	ug/Kg	04/19/14	JLI	SW8260
n-Butylbenzene	ND	9.0	1.6	ug/Kg	04/19/14	JLI	SW8260
n-Propylbenzene	ND	9.0	1.6	ug/Kg	04/19/14	JLI	SW8260
o-Xylene	ND	9.0	3.5	ug/Kg	04/19/14	JLI	SW8260
p-Isopropyltoluene	ND	9.0	1.3	ug/Kg	04/19/14	JLI	SW8260
sec-Butylbenzene	ND	9.0	1.7	ug/Kg	04/19/14	JLI	SW8260
Styrene	ND	9.0	2.6	ug/Kg	04/19/14	JLI	SW8260
tert-Butylbenzene	ND	9.0	1.4	ug/Kg	04/19/14	JLI	SW8260
Tetrachloroethene	ND	9.0	1.9	ug/Kg	04/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	18	8.1	ug/Kg	04/19/14	JLI	SW8260
Toluene	ND	9.0	1.4	ug/Kg	04/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.0	1.8	ug/Kg	04/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.0	1.8	ug/Kg	04/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	04/19/14	JLI	SW8260
Trichloroethene	ND	9.0	1.9	ug/Kg	04/19/14	JLI	SW8260
Trichlorofluoromethane	ND	9.0	2.0	ug/Kg	04/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.0	1.4	ug/Kg	04/19/14	JLI	SW8260
Vinyl chloride	ND	9.0	2.9	ug/Kg	04/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	04/19/14	JLI	70 - 130 %
% Bromofluorobenzene	96			%	04/19/14	JLI	70 - 130 %
% Dibromofluoromethane	89			%	04/19/14	JLI	70 - 130 %
% Toluene-d8	91			%	04/19/14	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	310	160	ug/Kg	04/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	310	150	ug/Kg	04/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	310	250	ug/Kg	04/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	310	160	ug/Kg	04/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	310	110	ug/Kg	04/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	2200	310	ug/Kg	04/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	310	180	ug/Kg	04/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
2-Chloronaphthalene	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
2-Chlorophenol	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
2-Methylnaphthalene	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	310	210	ug/Kg	04/21/14	DD	SW 8270
2-Nitroaniline	ND	2200	450	ug/Kg	04/21/14	DD	SW 8270
2-Nitrophenol	ND	310	280	ug/Kg	04/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	310	180	ug/Kg	04/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	900	210	ug/Kg	04/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
3-Nitroaniline	ND	2200	980	ug/Kg	04/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	480	ug/Kg	04/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	310	160	ug/Kg	04/21/14	DD	SW 8270
4-Chloroaniline	ND	900	210	ug/Kg	04/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	04/21/14	DD	SW 8270
4-Nitroaniline	ND	2200	150	ug/Kg	04/21/14	DD	SW 8270
4-Nitrophenol	ND	2200	200	ug/Kg	04/21/14	DD	SW 8270
Acenaphthene	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
Acenaphthylene	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
Acetophenone	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
Aniline	ND	2200	910	ug/Kg	04/21/14	DD	SW 8270
Anthracene	160	J 310	150	ug/Kg	04/21/14	DD	SW 8270
Benz(a)anthracene	530	310	150	ug/Kg	04/21/14	DD	SW 8270
Benzdine	ND	900	260	ug/Kg	04/21/14	DD	SW 8270
Benzo(a)pyrene	380	310	150	ug/Kg	04/21/14	DD	SW 8270
Benzo(b)fluoranthene	490	310	150	ug/Kg	04/21/14	DD	SW 8270
Benzo(ghi)perylene	190	J 310	150	ug/Kg	04/21/14	DD	SW 8270
Benzo(k)fluoranthene	180	J 310	150	ug/Kg	04/21/14	DD	SW 8270
Benzoic acid	ND	2200	900	ug/Kg	04/21/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	310	120	ug/Kg	04/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	04/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	310	120	ug/Kg	04/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	04/21/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
Carbazole	ND	2200	340	ug/Kg	04/21/14	DD	SW 8270
Chrysene	460	310	150	ug/Kg	04/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	310	150	ug/Kg	04/21/14	DD	SW 8270
Dibenzofuran	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
Diethyl phthalate	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
Dimethylphthalate	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
Di-n-butylphthalate	ND	310	120	ug/Kg	04/21/14	DD	SW 8270
Di-n-octylphthalate	ND	310	120	ug/Kg	04/21/14	DD	SW 8270
Fluoranthene	1300	310	150	ug/Kg	04/21/14	DD	SW 8270
Fluorene	ND	310	150	ug/Kg	04/21/14	DD	SW 8270
Hexachlorobenzene	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
Hexachlorobutadiene	ND	310	160	ug/Kg	04/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
Hexachloroethane	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	170	J 310	150	ug/Kg	04/21/14	DD	SW 8270
Isophorone	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
Naphthalene	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
Nitrobenzene	ND	310	160	ug/Kg	04/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	310	130	ug/Kg	04/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	310	150	ug/Kg	04/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	310	170	ug/Kg	04/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	310	170	ug/Kg	04/21/14	DD	SW 8270
Pentachlorophenol	ND	310	170	ug/Kg	04/21/14	DD	SW 8270
Phenanthrene	870	310	130	ug/Kg	04/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	310	140	ug/Kg	04/21/14	DD	SW 8270
Pyrene	1300	310	150	ug/Kg	04/21/14	DD	SW 8270
Pyridine	ND	310	110	ug/Kg	04/21/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	97			%	04/21/14	DD	30 - 130 %
% 2-Fluorobiphenyl	87			%	04/21/14	DD	30 - 130 %
% 2-Fluorophenol	85			%	04/21/14	DD	30 - 130 %
% Nitrobenzene-d5	86			%	04/21/14	DD	30 - 130 %
% Phenol-d5	86			%	04/21/14	DD	30 - 130 %
% Terphenyl-d14	147			%	04/21/14	DD	30 - 130 %

3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

Semi-Volatile Organic Compounds:

One of the surrogate recoveries is above the upper range, all of the other surrogates are acceptable, therefore no significant bias is suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 23, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

04/16/14
 04/17/14

Time

0:00
 17:15

Laboratory Data

SDG ID: GBG34100
 Phoenix ID: BG34102

Project ID: DOMINO SUGAR SITE B
 Client ID: B-SG6 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	0.23	mg/Kg	04/18/14	EK	SW6010
Aluminum	10400	39	2.3	mg/Kg	04/18/14	EK	SW6010
Arsenic	3.4	0.8	0.31	mg/Kg	04/18/14	EK	SW6010
Barium	59.8	0.8	0.16	mg/Kg	04/18/14	EK	SW6010
Beryllium	0.46	0.31	0.16	mg/Kg	04/18/14	EK	SW6010
Calcium	16900	39	36	mg/Kg	04/18/14	EK	SW6010
Cadmium	0.49	0.39	0.16	mg/Kg	04/18/14	EK	SW6010
Cobalt	7.43	0.39	0.16	mg/Kg	04/18/14	EK	SW6010
Chromium	19.7	0.39	0.16	mg/Kg	04/18/14	EK	SW6010
Copper	30.1	0.39	0.31	mg/kg	04/18/14	EK	SW6010
Iron	22800	39	39	mg/Kg	04/18/14	EK	SW6010
Mercury	< 0.09	0.09	0.05	mg/Kg	04/18/14	RS	SW-7471
Potassium	1550	8	3.0	mg/Kg	04/18/14	EK	SW6010
Magnesium	7110	39	2.3	mg/Kg	04/18/14	EK	SW6010
Manganese	638	3.9	1.6	mg/Kg	04/18/14	EK	SW6010
Sodium	850	8	3.3	mg/Kg	04/18/14	EK	SW6010
Nickel	14.0	0.39	0.16	mg/Kg	04/18/14	EK	SW6010
Lead	42.9	0.8	0.23	mg/Kg	04/18/14	EK	SW6010
Antimony	< 1.9	1.9	2.3	mg/Kg	04/18/14	EK	SW6010
Selenium	< 1.6	1.6	1.3	mg/Kg	04/18/14	EK	SW6010
Thallium	< 1.6	1.6	1.2	mg/Kg	04/18/14	EK	SW6010
Vanadium	32.3	0.4	0.16	mg/Kg	04/18/14	EK	SW6010
Zinc	61.1	0.8	0.39	mg/Kg	04/18/14	EK	SW6010
Percent Solid	86			%	04/17/14	I	E160.3
Soil Extraction for PCB	Completed				04/17/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/17/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/17/14	JJ/FV	SW3545
Mercury Digestion	Completed				04/18/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/17/14	AG	SW846 - 3050
Field Extraction	Completed				04/16/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	04/21/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	04/21/14	AW	SW 8082

QA/QC Surrogates

% DCBP	80			%	04/21/14	AW	30 - 150 %
% TCMX	69			%	04/21/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.7	2.7	ug/Kg	04/19/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	04/19/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	04/19/14	CE	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Chlordane	ND	22	22	ug/Kg	04/19/14	CE	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Endrin	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	04/19/14	CE	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	04/19/14	CE	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	04/19/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	04/19/14	CE	SW8081

QA/QC Surrogates

% DCBP	97			%	04/19/14	CE	30 - 150 %
% TCMX	72			%	04/19/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.2	1.2	ug/Kg	04/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.2	1.0	ug/Kg	04/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.2	0.71	ug/Kg	04/19/14	JLI	SW8260
1,1-Dichloroethane	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.2	1.6	ug/Kg	04/19/14	JLI	SW8260
1,1-Dichloropropene	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	7.2	1.0	ug/Kg	04/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	7.2	1.0	ug/Kg	04/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	7.2	1.9	ug/Kg	04/19/14	JLI	SW8260
1,2-Dibromoethane	ND	7.2	1.9	ug/Kg	04/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	7.2	0.79	ug/Kg	04/19/14	JLI	SW8260
1,2-Dichloroethane	ND	7.2	0.63	ug/Kg	04/19/14	JLI	SW8260
1,2-Dichloropropane	ND	7.2	1.0	ug/Kg	04/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	7.2	0.95	ug/Kg	04/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	7.2	1.1	ug/Kg	04/19/14	JLI	SW8260
1,3-Dichloropropane	ND	7.2	0.76	ug/Kg	04/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	7.2	1.1	ug/Kg	04/19/14	JLI	SW8260
2,2-Dichloropropane	ND	7.2	1.2	ug/Kg	04/19/14	JLI	SW8260
2-Chlorotoluene	ND	7.2	1.2	ug/Kg	04/19/14	JLI	SW8260
2-Hexanone	ND	36	3.2	ug/Kg	04/19/14	JLI	SW8260
2-Isopropyltoluene	ND	7.2	0.99	ug/Kg	04/19/14	JLI	SW8260
4-Chlorotoluene	ND	7.2	0.84	ug/Kg	04/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	36	1.7	ug/Kg	04/19/14	JLI	SW8260
Acetone	ND	50	7.2	ug/Kg	04/19/14	JLI	SW8260
Acrylonitrile	ND	14	4.1	ug/Kg	04/19/14	JLI	SW8260
Benzene	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260
Bromobenzene	ND	7.2	0.94	ug/Kg	04/19/14	JLI	SW8260
Bromochloromethane	ND	7.2	1.1	ug/Kg	04/19/14	JLI	SW8260
Bromodichloromethane	ND	7.2	0.89	ug/Kg	04/19/14	JLI	SW8260
Bromoform	ND	7.2	1.0	ug/Kg	04/19/14	JLI	SW8260
Bromomethane	ND	7.2	5.6	ug/Kg	04/19/14	JLI	SW8260
Carbon Disulfide	ND	7.2	1.2	ug/Kg	04/19/14	JLI	SW8260
Carbon tetrachloride	ND	7.2	0.84	ug/Kg	04/19/14	JLI	SW8260
Chlorobenzene	ND	7.2	1.1	ug/Kg	04/19/14	JLI	SW8260
Chloroethane	ND	7.2	1.7	ug/Kg	04/19/14	JLI	SW8260
Chloroform	ND	7.2	1.3	ug/Kg	04/19/14	JLI	SW8260
Chloromethane	ND	7.2	3.8	ug/Kg	04/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	7.2	1.6	ug/Kg	04/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	7.2	0.78	ug/Kg	04/19/14	JLI	SW8260
Dibromochloromethane	ND	7.2	0.81	ug/Kg	04/19/14	JLI	SW8260
Dibromomethane	ND	7.2	0.91	ug/Kg	04/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	7.2	1.9	ug/Kg	04/19/14	JLI	SW8260
Ethylbenzene	ND	7.2	1.3	ug/Kg	04/19/14	JLI	SW8260
Hexachlorobutadiene	ND	7.2	1.5	ug/Kg	04/19/14	JLI	SW8260
Isopropylbenzene	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260
m&p-Xylene	ND	7.2	2.8	ug/Kg	04/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	43	6.3	ug/Kg	04/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	14	2.0	ug/Kg	04/19/14	JLI	SW8260
Methylene chloride	ND	7.2	1.2	ug/Kg	04/19/14	JLI	SW8260
Naphthalene	ND	7.2	1.9	ug/Kg	04/19/14	JLI	SW8260
n-Butylbenzene	ND	7.2	1.3	ug/Kg	04/19/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	7.2	1.3	ug/Kg	04/19/14	JLI	SW8260
o-Xylene	ND	7.2	2.8	ug/Kg	04/19/14	JLI	SW8260
p-Isopropyltoluene	ND	7.2	1.0	ug/Kg	04/19/14	JLI	SW8260
sec-Butylbenzene	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260
Styrene	ND	7.2	2.1	ug/Kg	04/19/14	JLI	SW8260
tert-Butylbenzene	ND	7.2	1.2	ug/Kg	04/19/14	JLI	SW8260
Tetrachloroethene	ND	7.2	1.5	ug/Kg	04/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	14	6.5	ug/Kg	04/19/14	JLI	SW8260
Toluene	ND	7.2	1.1	ug/Kg	04/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	7.2	1.4	ug/Kg	04/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	7.2	1.5	ug/Kg	04/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	14	13	ug/Kg	04/19/14	JLI	SW8260
Trichloroethene	ND	7.2	1.5	ug/Kg	04/19/14	JLI	SW8260
Trichlorofluoromethane	ND	7.2	1.6	ug/Kg	04/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	7.2	1.1	ug/Kg	04/19/14	JLI	SW8260
Vinyl chloride	ND	7.2	2.3	ug/Kg	04/19/14	JLI	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100			%	04/19/14	JLI	70 - 130 %
% Bromofluorobenzene	83			%	04/19/14	JLI	70 - 130 %
% Dibromofluoromethane	91			%	04/19/14	JLI	70 - 130 %
% Toluene-d8	91			%	04/19/14	JLI	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	04/18/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
1,2-Dichlorobenzene	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	04/18/14	DD	SW 8270
1,3-Dichlorobenzene	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
1,4-Dichlorobenzene	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	04/18/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
2,4-Dichlorophenol	ND	270	140	ug/Kg	04/18/14	DD	SW 8270
2,4-Dimethylphenol	ND	270	96	ug/Kg	04/18/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	270	ug/Kg	04/18/14	DD	SW 8270
2,4-Dinitrotoluene	ND	270	150	ug/Kg	04/18/14	DD	SW 8270
2,6-Dinitrotoluene	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
2-Chloronaphthalene	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
2-Chlorophenol	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
2-Methylnaphthalene	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	04/18/14	DD	SW 8270
2-Nitroaniline	ND	1900	390	ug/Kg	04/18/14	DD	SW 8270
2-Nitrophenol	ND	270	250	ug/Kg	04/18/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	04/18/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	04/18/14	DD	SW 8270
3-Nitroaniline	ND	1900	840	ug/Kg	04/18/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	420	ug/Kg	04/18/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	04/18/14	DD	SW 8270
4-Chloroaniline	ND	770	180	ug/Kg	04/18/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	04/18/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	04/18/14	DD	SW 8270
4-Nitrophenol	ND	1900	180	ug/Kg	04/18/14	DD	SW 8270
Acenaphthene	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
Acenaphthylene	110	J 270	110	ug/Kg	04/18/14	DD	SW 8270
Acetophenone	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
Aniline	ND	1900	780	ug/Kg	04/18/14	DD	SW 8270
Anthracene	190	J 270	130	ug/Kg	04/18/14	DD	SW 8270
Benz(a)anthracene	690	270	130	ug/Kg	04/18/14	DD	SW 8270
Benzidine	ND	770	230	ug/Kg	04/18/14	DD	SW 8270
Benzo(a)pyrene	660	270	130	ug/Kg	04/18/14	DD	SW 8270
Benzo(b)fluoranthene	870	270	130	ug/Kg	04/18/14	DD	SW 8270
Benzo(ghi)perylene	270	J 270	130	ug/Kg	04/18/14	DD	SW 8270
Benzo(k)fluoranthene	310	270	130	ug/Kg	04/18/14	DD	SW 8270
Benzoic acid	ND	1900	770	ug/Kg	04/18/14	DD	SW 8270
Benzyl butyl phthalate	ND	270	100	ug/Kg	04/18/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	04/18/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
Carbazole	ND	1900	290	ug/Kg	04/18/14	DD	SW 8270
Chrysene	740	270	130	ug/Kg	04/18/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	04/18/14	DD	SW 8270
Dibenzofuran	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
Diethyl phthalate	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
Dimethylphthalate	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
Di-n-butylphthalate	ND	270	100	ug/Kg	04/18/14	DD	SW 8270
Di-n-octylphthalate	ND	270	100	ug/Kg	04/18/14	DD	SW 8270
Fluoranthene	1000	270	130	ug/Kg	04/18/14	DD	SW 8270
Fluorene	ND	270	130	ug/Kg	04/18/14	DD	SW 8270
Hexachlorobenzene	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
Hexachlorobutadiene	ND	270	140	ug/Kg	04/18/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
Hexachloroethane	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	270	J 270	130	ug/Kg	04/18/14	DD	SW 8270
Isophorone	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
Naphthalene	190	J 270	110	ug/Kg	04/18/14	DD	SW 8270
Nitrobenzene	ND	270	140	ug/Kg	04/18/14	DD	SW 8270
N-Nitrosodimethylamine	ND	270	110	ug/Kg	04/18/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	04/18/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	04/18/14	DD	SW 8270
Pentachloronitrobenzene	ND	270	140	ug/Kg	04/18/14	DD	SW 8270
Pentachlorophenol	ND	270	150	ug/Kg	04/18/14	DD	SW 8270
Phenanthrene	1000	270	110	ug/Kg	04/18/14	DD	SW 8270
Phenol	ND	270	120	ug/Kg	04/18/14	DD	SW 8270
Pyrene	1000	270	130	ug/Kg	04/18/14	DD	SW 8270
Pyridine	ND	270	95	ug/Kg	04/18/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	106			%	04/18/14	DD	30 - 130 %
% 2-Fluorobiphenyl	82			%	04/18/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	75			%	04/18/14	DD	30 - 130 %
% Nitrobenzene-d5	88			%	04/18/14	DD	30 - 130 %
% Phenol-d5	84			%	04/18/14	DD	30 - 130 %
% Terphenyl-d14	76			%	04/18/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

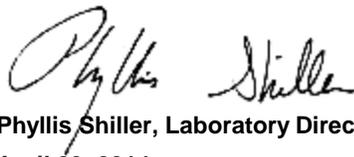
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 23, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

04/16/14
 04/17/14

Time

0:00
 17:15

Laboratory Data

SDG ID: GBG34100
 Phoenix ID: BG34103

Project ID: DOMINO SUGAR SITE B
 Client ID: B-SG6 8-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.46	0.46	0.28	mg/Kg	04/18/14	EK	SW6010
Aluminum	9300	46	2.8	mg/Kg	04/18/14	EK	SW6010
Arsenic	1.9	0.9	0.37	mg/Kg	04/18/14	EK	SW6010
Barium	105	0.9	0.19	mg/Kg	04/18/14	EK	SW6010
Beryllium	< 0.37	0.37	0.19	mg/Kg	04/18/14	EK	SW6010
Calcium	1870	4.6	4.3	mg/Kg	04/18/14	EK	SW6010
Cadmium	< 0.46	0.46	0.19	mg/Kg	04/18/14	EK	SW6010
Cobalt	9.79	0.46	0.19	mg/Kg	04/18/14	EK	SW6010
Chromium	18.9	0.46	0.19	mg/Kg	04/18/14	EK	SW6010
Copper	44.6	0.46	0.37	mg/kg	04/18/14	EK	SW6010
Iron	22500	46	46	mg/Kg	04/18/14	EK	SW6010
Mercury	< 0.09	0.09	0.05	mg/Kg	04/18/14	RS	SW-7471
Potassium	3810	9	3.6	mg/Kg	04/18/14	EK	SW6010
Magnesium	3640	4.6	0.28	mg/Kg	04/18/14	EK	SW6010
Manganese	239	4.6	1.9	mg/Kg	04/18/14	EK	SW6010
Sodium	929	9	4.0	mg/Kg	04/18/14	EK	SW6010
Nickel	20.6	0.46	0.19	mg/Kg	04/18/14	EK	SW6010
Lead	55.3	0.9	0.28	mg/Kg	04/18/14	EK	SW6010
Antimony	< 2.3	2.3	2.8	mg/Kg	04/18/14	EK	SW6010
Selenium	< 1.9	1.9	1.6	mg/Kg	04/18/14	EK	SW6010
Thallium	< 1.9	1.9	1.5	mg/Kg	04/18/14	LK	SW6010
Vanadium	28.1	0.5	0.19	mg/Kg	04/18/14	EK	SW6010
Zinc	100	0.9	0.46	mg/Kg	04/18/14	EK	SW6010
Percent Solid	77			%	04/17/14	I	E160.3
Soil Extraction for SVOA	Completed				04/17/14	JJ/FV	SW3545
Mercury Digestion	Completed				04/18/14	I/I	SW7471
Total Metals Digest	Completed				04/17/14	AG	SW846 - 3050
Field Extraction	Completed				04/16/14		SW5035

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	8.1	1.3	ug/Kg	04/21/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.1	1.6	ug/Kg	04/21/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.1	1.2	ug/Kg	04/21/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.1	0.80	ug/Kg	04/21/14	JLI	SW8260
1,1-Dichloroethane	ND	8.1	1.6	ug/Kg	04/21/14	JLI	SW8260
1,1-Dichloroethene	ND	8.1	1.8	ug/Kg	04/21/14	JLI	SW8260
1,1-Dichloropropene	ND	8.1	1.6	ug/Kg	04/21/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.1	1.6	ug/Kg	04/21/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.1	1.2	ug/Kg	04/21/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.1	1.6	ug/Kg	04/21/14	JLI	SW8260
1,2,4-Trimethylbenzene	16	8.1	1.2	ug/Kg	04/21/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.1	2.2	ug/Kg	04/21/14	JLI	SW8260
1,2-Dibromoethane	ND	8.1	2.2	ug/Kg	04/21/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.1	0.89	ug/Kg	04/21/14	JLI	SW8260
1,2-Dichloroethane	ND	8.1	0.71	ug/Kg	04/21/14	JLI	SW8260
1,2-Dichloropropane	ND	8.1	1.2	ug/Kg	04/21/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.1	1.1	ug/Kg	04/21/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.1	1.2	ug/Kg	04/21/14	JLI	SW8260
1,3-Dichloropropane	ND	8.1	0.86	ug/Kg	04/21/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.1	1.3	ug/Kg	04/21/14	JLI	SW8260
2,2-Dichloropropane	ND	8.1	1.4	ug/Kg	04/21/14	JLI	SW8260
2-Chlorotoluene	ND	8.1	1.3	ug/Kg	04/21/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	04/21/14	JLI	SW8260
2-Isopropyltoluene	ND	8.1	1.1	ug/Kg	04/21/14	JLI	SW8260
4-Chlorotoluene	ND	8.1	0.94	ug/Kg	04/21/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	1.9	ug/Kg	04/21/14	JLI	SW8260
Acetone	160	81	8.1	ug/Kg	04/21/14	JLI	SW8260
Acrylonitrile	ND	16	4.6	ug/Kg	04/21/14	JLI	SW8260
Benzene	ND	8.1	1.6	ug/Kg	04/21/14	JLI	SW8260
Bromobenzene	ND	8.1	1.1	ug/Kg	04/21/14	JLI	SW8260
Bromochloromethane	ND	8.1	1.2	ug/Kg	04/21/14	JLI	SW8260
Bromodichloromethane	ND	8.1	1.0	ug/Kg	04/21/14	JLI	SW8260
Bromoform	ND	8.1	1.1	ug/Kg	04/21/14	JLI	SW8260
Bromomethane	ND	8.1	6.3	ug/Kg	04/21/14	JLI	SW8260
Carbon Disulfide	ND	8.1	1.3	ug/Kg	04/21/14	JLI	SW8260
Carbon tetrachloride	ND	8.1	0.94	ug/Kg	04/21/14	JLI	SW8260
Chlorobenzene	ND	8.1	1.2	ug/Kg	04/21/14	JLI	SW8260
Chloroethane	ND	8.1	1.9	ug/Kg	04/21/14	JLI	SW8260
Chloroform	ND	8.1	1.5	ug/Kg	04/21/14	JLI	SW8260
Chloromethane	ND	8.1	4.3	ug/Kg	04/21/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.1	1.8	ug/Kg	04/21/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.1	0.88	ug/Kg	04/21/14	JLI	SW8260
Dibromochloromethane	ND	8.1	0.91	ug/Kg	04/21/14	JLI	SW8260
Dibromomethane	ND	8.1	1.0	ug/Kg	04/21/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.1	2.2	ug/Kg	04/21/14	JLI	SW8260
Ethylbenzene	ND	8.1	1.5	ug/Kg	04/21/14	JLI	SW8260
Hexachlorobutadiene	ND	8.1	1.7	ug/Kg	04/21/14	JLI	SW8260
Isopropylbenzene	28	8.1	1.6	ug/Kg	04/21/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
m&p-Xylene	26	8.1	3.2	ug/Kg	04/21/14	JLI	SW8260
Methyl Ethyl Ketone	ND	49	7.0	ug/Kg	04/21/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	16	2.2	ug/Kg	04/21/14	JLI	SW8260
Methylene chloride	ND	8.1	1.3	ug/Kg	04/21/14	JLI	SW8260
Naphthalene	890	350	93	ug/Kg	04/21/14	JLI	SW8260
n-Butylbenzene	ND	8.1	1.5	ug/Kg	04/21/14	JLI	SW8260
n-Propylbenzene	ND	8.1	1.5	ug/Kg	04/21/14	JLI	SW8260
o-Xylene	15	8.1	3.1	ug/Kg	04/21/14	JLI	SW8260
p-Isopropyltoluene	50	8.1	1.2	ug/Kg	04/21/14	JLI	SW8260
sec-Butylbenzene	ND	8.1	1.5	ug/Kg	04/21/14	JLI	SW8260
Styrene	ND	8.1	2.3	ug/Kg	04/21/14	JLI	SW8260
tert-Butylbenzene	ND	8.1	1.3	ug/Kg	04/21/14	JLI	SW8260
Tetrachloroethene	ND	8.1	1.7	ug/Kg	04/21/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	16	7.3	ug/Kg	04/21/14	JLI	SW8260
Toluene	17	8.1	1.3	ug/Kg	04/21/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.1	1.6	ug/Kg	04/21/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.1	1.7	ug/Kg	04/21/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	16	15	ug/Kg	04/21/14	JLI	SW8260
Trichloroethene	ND	8.1	1.7	ug/Kg	04/21/14	JLI	SW8260
Trichlorofluoromethane	ND	8.1	1.8	ug/Kg	04/21/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.1	1.3	ug/Kg	04/21/14	JLI	SW8260
Vinyl chloride	ND	8.1	2.6	ug/Kg	04/21/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	04/21/14	JLI	70 - 130 %
% Bromofluorobenzene	97			%	04/21/14	JLI	70 - 130 %
% Dibromofluoromethane	103			%	04/21/14	JLI	70 - 130 %
% Toluene-d8	96			%	04/21/14	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	15000	7600	ug/Kg	04/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	15000	6500	ug/Kg	04/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	15000	6100	ug/Kg	04/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	15000	7000	ug/Kg	04/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	15000	6400	ug/Kg	04/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	15000	6400	ug/Kg	04/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	15000	12000	ug/Kg	04/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	15000	6900	ug/Kg	04/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	15000	7600	ug/Kg	04/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	15000	5300	ug/Kg	04/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	110000	15000	ug/Kg	04/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	15000	8500	ug/Kg	04/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	15000	6800	ug/Kg	04/21/14	DD	SW 8270
2-Chloronaphthalene	ND	15000	6100	ug/Kg	04/21/14	DD	SW 8270
2-Chlorophenol	ND	15000	6100	ug/Kg	04/21/14	DD	SW 8270
2-Methylnaphthalene	ND	15000	6400	ug/Kg	04/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	15000	10000	ug/Kg	04/21/14	DD	SW 8270
2-Nitroaniline	ND	110000	22000	ug/Kg	04/21/14	DD	SW 8270
2-Nitrophenol	ND	15000	14000	ug/Kg	04/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	15000	8500	ug/Kg	04/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	43000	10000	ug/Kg	04/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
3-Nitroaniline	ND	110000	47000	ug/Kg	04/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	110000	23000	ug/Kg	04/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	15000	6300	ug/Kg	04/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	15000	7600	ug/Kg	04/21/14	DD	SW 8270
4-Chloroaniline	ND	43000	10000	ug/Kg	04/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	15000	7200	ug/Kg	04/21/14	DD	SW 8270
4-Nitroaniline	ND	110000	7200	ug/Kg	04/21/14	DD	SW 8270
4-Nitrophenol	ND	110000	9700	ug/Kg	04/21/14	DD	SW 8270
Acenaphthene	8600	J 15000	6500	ug/Kg	04/21/14	DD	SW 8270
Acenaphthylene	ND	15000	6000	ug/Kg	04/21/14	DD	SW 8270
Acetophenone	ND	15000	6700	ug/Kg	04/21/14	DD	SW 8270
Aniline	ND	110000	43000	ug/Kg	04/21/14	DD	SW 8270
Anthracene	8800	J 15000	7100	ug/Kg	04/21/14	DD	SW 8270
Benz(a)anthracene	ND	15000	7200	ug/Kg	04/21/14	DD	SW 8270
Benzdine	ND	43000	13000	ug/Kg	04/21/14	DD	SW 8270
Benzo(a)pyrene	ND	15000	7000	ug/Kg	04/21/14	DD	SW 8270
Benzo(b)fluoranthene	ND	15000	7400	ug/Kg	04/21/14	DD	SW 8270
Benzo(ghi)perylene	ND	15000	7000	ug/Kg	04/21/14	DD	SW 8270
Benzo(k)fluoranthene	ND	15000	7100	ug/Kg	04/21/14	DD	SW 8270
Benzoic acid	ND	110000	43000	ug/Kg	04/21/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	15000	5600	ug/Kg	04/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	15000	5900	ug/Kg	04/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	15000	5800	ug/Kg	04/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	15000	6000	ug/Kg	04/21/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	15000	6200	ug/Kg	04/21/14	DD	SW 8270
Carbazole	ND	110000	16000	ug/Kg	04/21/14	DD	SW 8270
Chrysene	ND	15000	7200	ug/Kg	04/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	15000	7000	ug/Kg	04/21/14	DD	SW 8270
Dibenzofuran	ND	15000	6300	ug/Kg	04/21/14	DD	SW 8270
Diethyl phthalate	ND	15000	6800	ug/Kg	04/21/14	DD	SW 8270
Dimethylphthalate	ND	15000	6700	ug/Kg	04/21/14	DD	SW 8270
Di-n-butylphthalate	ND	15000	5700	ug/Kg	04/21/14	DD	SW 8270
Di-n-octylphthalate	ND	15000	5600	ug/Kg	04/21/14	DD	SW 8270
Fluoranthene	9400	J 15000	7000	ug/Kg	04/21/14	DD	SW 8270
Fluorene	ND	15000	7100	ug/Kg	04/21/14	DD	SW 8270
Hexachlorobenzene	ND	15000	6300	ug/Kg	04/21/14	DD	SW 8270
Hexachlorobutadiene	ND	15000	7800	ug/Kg	04/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	15000	6600	ug/Kg	04/21/14	DD	SW 8270
Hexachloroethane	ND	15000	6500	ug/Kg	04/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	15000	7100	ug/Kg	04/21/14	DD	SW 8270
Isophorone	ND	15000	6000	ug/Kg	04/21/14	DD	SW 8270
Naphthalene	ND	15000	6200	ug/Kg	04/21/14	DD	SW 8270
Nitrobenzene	ND	15000	7500	ug/Kg	04/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	15000	6100	ug/Kg	04/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	15000	7000	ug/Kg	04/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	15000	8300	ug/Kg	04/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	15000	8000	ug/Kg	04/21/14	DD	SW 8270
Pentachlorophenol	ND	15000	8100	ug/Kg	04/21/14	DD	SW 8270
Phenanthrene	25000	15000	6200	ug/Kg	04/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	15000	6900	ug/Kg	04/21/14	DD	SW 8270
Pyrene	19000	15000	7400	ug/Kg	04/21/14	DD	SW 8270
Pyridine	ND	15000	5300	ug/Kg	04/21/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	*Diluted Out			%	04/21/14	DD	30 - 130 %
% 2-Fluorobiphenyl	*Diluted Out			%	04/21/14	DD	30 - 130 %
% 2-Fluorophenol	*Diluted Out			%	04/21/14	DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out			%	04/21/14	DD	30 - 130 %
% Phenol-d5	*Diluted Out			%	04/21/14	DD	30 - 130 %
% Terphenyl-d14	*Diluted Out			%	04/21/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

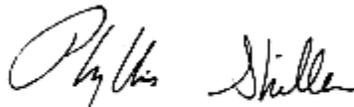
Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 23, 2014

Reviewed and Released by: Bobbi Aloisa, Vice President



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QA/QC Report

April 23, 2014

QA/QC Data

SDG I.D.: GBG34100

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 271960, QC Sample No: BG33742 (BG34100, BG34101, BG34102, BG34103)												
Mercury - Soil	BRL	<0.06	<0.06	NC	96.2	96.3	0.1	91.8	92.0	0.2	70 - 130	30
Comment: Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.												
QA/QC Batch 271909, QC Sample No: BG34035 (BG34100, BG34101, BG34102, BG34103)												
<u>ICP Metals - Soil</u>												
Aluminum	BRL	7090	8210	14.6	111	115	3.5	NC	NC	NC	75 - 125	30
Antimony	BRL	<3.3	<3.5	NC	122	112	8.5	98.2	96.9	1.3	75 - 125	30
Arsenic	BRL	2.7	3.25	NC	107	107	0.0	102	102	0.0	75 - 125	30
Barium	BRL	33.8	37.1	9.30	105	106	0.9	126	111	12.7	75 - 125	30 m
Beryllium	BRL	<0.27	<0.28	NC	111	110	0.9	106	106	0.0	75 - 125	30
Cadmium	BRL	0.59	0.65	NC	102	97.8	4.2	98.5	98.1	0.4	75 - 125	30
Calcium	BRL	1700	2890	51.9	102	101	1.0	NC	NC	NC	75 - 125	30 r
Chromium	BRL	11.9	13.7	14.1	110	106	3.7	105	107	1.9	75 - 125	30
Cobalt	BRL	12.9	11.1	15.0	106	102	3.8	99.0	98.8	0.2	75 - 125	30
Copper	BRL	35.2	48.0	30.8	110	107	2.8	116	119	2.6	75 - 125	30 r
Iron	BRL	16100	16600	3.10	120	122	1.7	NC	NC	NC	75 - 125	30
Lead	BRL	25.1	39.5	44.6	102	101	1.0	105	101	3.9	75 - 125	30 r
Magnesium	BRL	5070	6140	19.1	111	107	3.7	NC	NC	NC	75 - 125	30
Manganese	BRL	253	263	3.90	104	104	0.0	118	121	2.5	75 - 125	30
Nickel	BRL	9.68	12.2	23.0	105	100	4.9	102	102	0.0	75 - 125	30
Potassium	BRL	1820	1910	4.80	117	112	4.4	>130	93.5	NC	75 - 125	30 m
Selenium	BRL	<1.3	<1.4	NC	95.0	94.5	0.5	92.5	92.7	0.2	75 - 125	30
Silver	BRL	<0.33	<0.35	NC	101	103	2.0	101	101	0.0	75 - 125	30
Sodium	BRL	356	421	16.7	120	116	3.4	>130	>130	NC	75 - 125	30 m
Thallium	BRL	<3.0	<3.2	NC	102	102	0.0	98.8	97.5	1.3	75 - 125	30
Vanadium	BRL	27.8	32.5	15.6	108	108	0.0	113	108	4.5	75 - 125	30
Zinc	BRL	145	203	33.3	103	101	2.0	121	101	18.0	75 - 125	30 r

m = This parameter is outside laboratory ms/msd specified recovery limits.
 r = This parameter is outside laboratory rpd specified recovery limits.



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QA/QC Report

April 23, 2014

QA/QC Data

SDG I.D.: GBG34100

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 272139, QC Sample No: BG31696 (BG34100 (31X))									
Volatiles - Solid									
1,2,3-Trichlorobenzene	ND	105	106	0.9	78	101	25.7	70 - 130	30
1,2,3-Trichloropropane	ND	92	95	3.2	86	86	0.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	107	110	2.8	75	103	31.5	70 - 130	30
1,2,4-Trimethylbenzene	ND	100	101	1.0	78	97	21.7	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	93	92	1.1	83	86	3.6	70 - 130	30
1,2-Dichlorobenzene	ND	99	100	1.0	83	96	14.5	70 - 130	30
1,3,5-Trimethylbenzene	ND	100	100	0.0	78	99	23.7	70 - 130	30
1,3-Dichlorobenzene	ND	102	103	1.0	78	98	22.7	70 - 130	30
1,4-Dichlorobenzene	ND	103	102	1.0	78	99	23.7	70 - 130	30
2-Chlorotoluene	ND	103	104	1.0	83	101	19.6	70 - 130	30
2-Isopropyltoluene	ND	104	105	1.0	82	98	17.8	70 - 130	30
4-Chlorotoluene	ND	103	103	0.0	77	100	26.0	70 - 130	30
Bromobenzene	ND	100	103	3.0	90	100	10.5	70 - 130	30
Hexachlorobutadiene	ND	108	107	0.9	81	101	22.0	70 - 130	30
Isopropylbenzene	ND	103	104	1.0	83	102	20.5	70 - 130	30
Naphthalene	ND	101	104	2.9	85	93	9.0	70 - 130	30
n-Butylbenzene	ND	103	105	1.9	72	101	33.5	70 - 130	30
n-Propylbenzene	ND	101	104	2.9	76	102	29.2	70 - 130	30
p-Isopropyltoluene	ND	102	103	1.0	74	99	28.9	70 - 130	30
sec-Butylbenzene	ND	101	101	0.0	77	98	24.0	70 - 130	30
tert-Butylbenzene	ND	101	101	0.0	85	100	16.2	70 - 130	30
trans-1,4-dichloro-2-butene	ND	101	104	2.9	85	82	3.6	70 - 130	30
% 1,2-dichlorobenzene-d4	99	99	102	3.0	101	100	1.0	70 - 130	30
% Bromofluorobenzene	96	99	98	1.0	97	97	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 272231, QC Sample No: BG33001 (BG34103 (50, 1X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	93	93	0.0	96	98	2.1	70 - 130	30
1,1,1-Trichloroethane	ND	93	93	0.0	97	98	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	88	89	1.1	87	86	1.2	70 - 130	30
1,1,2-Trichloroethane	ND	92	94	2.2	95	96	1.0	70 - 130	30
1,1-Dichloroethane	ND	94	94	0.0	97	98	1.0	70 - 130	30
1,1-Dichloroethene	ND	84	87	3.5	99	101	2.0	70 - 130	30
1,1-Dichloropropene	ND	89	89	0.0	95	94	1.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	92	92	0.0	87	85	2.3	70 - 130	30
1,2,3-Trichloropropane	ND	102	100	2.0	95	95	0.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	92	92	0.0	84	83	1.2	70 - 130	30
1,2,4-Trimethylbenzene	ND	97	96	1.0	91	91	0.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	87	90	3.4	97	99	2.0	70 - 130	30

QA/QC Data

SDG I.D.: GBG34100

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dibromoethane	ND	94	95	1.1	95	96	1.0	70 - 130	30	
1,2-Dichlorobenzene	ND	91	90	1.1	91	91	0.0	70 - 130	30	
1,2-Dichloroethane	ND	91	93	2.2	92	93	1.1	70 - 130	30	
1,2-Dichloropropane	ND	92	93	1.1	98	97	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	93	92	1.1	91	91	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	92	90	2.2	88	87	1.1	70 - 130	30	
1,3-Dichloropropane	ND	91	92	1.1	91	92	1.1	70 - 130	30	
1,4-Dichlorobenzene	ND	91	91	0.0	86	86	0.0	70 - 130	30	
2,2-Dichloropropane	ND	93	92	1.1	93	93	0.0	70 - 130	30	
2-Chlorotoluene	ND	92	91	1.1	90	91	1.1	70 - 130	30	
2-Hexanone	ND	90	92	2.2	81	87	7.1	70 - 130	30	
2-Isopropyltoluene	ND	94	93	1.1	100	101	1.0	70 - 130	30	
4-Chlorotoluene	ND	94	93	1.1	87	88	1.1	70 - 130	30	
4-Methyl-2-pentanone	ND	97	99	2.0	93	95	2.1	70 - 130	30	
Acetone	ND	92	96	4.3	>150	>150	NC	70 - 130	30	m
Acrylonitrile	ND	92	95	3.2	102	104	1.9	70 - 130	30	
Benzene	ND	90	90	0.0	95	95	0.0	70 - 130	30	
Bromobenzene	ND	91	90	1.1	88	88	0.0	70 - 130	30	
Bromochloromethane	ND	91	93	2.2	95	98	3.1	70 - 130	30	
Bromodichloromethane	ND	89	90	1.1	96	97	1.0	70 - 130	30	
Bromoform	ND	89	93	4.4	115	117	1.7	70 - 130	30	
Bromomethane	ND	82	83	1.2	90	89	1.1	70 - 130	30	
Carbon Disulfide	ND	82	84	2.4	131	129	1.5	70 - 130	30	m
Carbon tetrachloride	ND	90	92	2.2	94	95	1.1	70 - 130	30	
Chlorobenzene	ND	92	91	1.1	92	93	1.1	70 - 130	30	
Chloroethane	ND	81	81	0.0	109	104	4.7	70 - 130	30	
Chloroform	ND	92	92	0.0	93	95	2.1	70 - 130	30	
Chloromethane	ND	81	81	0.0	109	111	1.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	92	91	1.1	95	96	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	89	91	2.2	95	95	0.0	70 - 130	30	
Dibromochloromethane	ND	92	94	2.2	97	98	1.0	70 - 130	30	
Dibromomethane	ND	91	92	1.1	93	94	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	70	69	1.4	82	83	1.2	70 - 130	30	l
Ethylbenzene	ND	91	90	1.1	94	96	2.1	70 - 130	30	
Hexachlorobutadiene	ND	89	87	2.3	94	96	2.1	70 - 130	30	
Isopropylbenzene	ND	94	92	2.2	93	92	1.1	70 - 130	30	
m&p-Xylene	ND	92	91	1.1	94	95	1.1	70 - 130	30	
Methyl ethyl ketone	ND	94	96	2.1	>150	>150	NC	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	83	86	3.6	94	95	1.1	70 - 130	30	
Methylene chloride	ND	75	79	5.2	92	92	0.0	70 - 130	30	
Naphthalene	ND	91	92	1.1	92	92	0.0	70 - 130	30	
n-Butylbenzene	ND	96	93	3.2	92	92	0.0	70 - 130	30	
n-Propylbenzene	ND	99	97	2.0	93	92	1.1	70 - 130	30	
o-Xylene	ND	94	92	2.2	98	100	2.0	70 - 130	30	
p-Isopropyltoluene	ND	93	92	1.1	95	94	1.1	70 - 130	30	
sec-Butylbenzene	ND	90	89	1.1	96	98	2.1	70 - 130	30	
Styrene	ND	95	92	3.2	95	98	3.1	70 - 130	30	
tert-Butylbenzene	ND	93	93	0.0	98	97	1.0	70 - 130	30	
Tetrachloroethene	ND	91	89	2.2	88	89	1.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	92	94	2.2	102	105	2.9	70 - 130	30	
Toluene	ND	92	91	1.1	96	97	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	86	88	2.3	99	99	0.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	90	91	1.1	95	96	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBG34100

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,4-dichloro-2-butene	ND	92	95	3.2	92	92	0.0	70 - 130	30
Trichloroethene	ND	91	92	1.1	97	96	1.0	70 - 130	30
Trichlorofluoromethane	ND	83	84	1.2	91	89	2.2	70 - 130	30
Trichlorotrifluoroethane	ND	85	87	2.3	99	97	2.0	70 - 130	30
Vinyl chloride	ND	82	83	1.2	95	95	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	101	100	100	0.0	102	102	0.0	70 - 130	30
% Bromofluorobenzene	99	101	99	2.0	105	105	0.0	70 - 130	30
% Dibromofluoromethane	99	98	102	4.0	101	104	2.9	70 - 130	30
% Toluene-d8	100	99	100	1.0	102	101	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 271919, QC Sample No: BG34104 (BG34100, BG34102)

Pesticides - Solid

4,4' -DDD	ND	131	135	3.0				40 - 140	30
4,4' -DDE	ND	114	116	1.7				40 - 140	30
4,4' -DDT	ND	114	118	3.4				40 - 140	30
a-BHC	ND	100	102	2.0				40 - 140	30
a-Chlordane	ND	101	103	2.0				40 - 140	30
Aldrin	ND	101	101	0.0				40 - 140	30
b-BHC	ND	97	103	6.0				40 - 140	30
Chlordane	ND	104	106	1.9				40 - 140	30
d-BHC	ND	79	83	4.9				40 - 140	30
Dieldrin	ND	108	111	2.7				40 - 140	30
Endosulfan I	ND	96	101	5.1				40 - 140	30
Endosulfan II	ND	61	75	20.6				40 - 140	30
Endosulfan sulfate	ND	65	75	14.3				40 - 140	30
Endrin	ND	105	107	1.9				40 - 140	30
Endrin aldehyde	ND	59	75	23.9				40 - 140	30
Endrin ketone	ND	90	98	8.5				40 - 140	30
g-BHC	ND	107	109	1.9				40 - 140	30
g-Chlordane	ND	104	106	1.9				40 - 140	30
Heptachlor	ND	102	101	1.0				40 - 140	30
Heptachlor epoxide	ND	102	104	1.9				40 - 140	30
Methoxychlor	ND	114	118	3.4				40 - 140	30
Toxaphene	ND	NA	NA	NC				40 - 140	30
% DCBP	115	102	107	4.8				30 - 150	30
% TCMX	94	90	91	1.1				30 - 150	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported in the LCS, LCSD, MS and MSD. The MS/MSD could not be reported due to matrix interference in the unspiked sample. LCS/LCSD recoveries

QA/QC Batch 271911, QC Sample No: BG34104 (BG34100, BG34102)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	84			96	102	6.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	87			85	100	16.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	64	85			88	89	1.1	30 - 150	30

QA/QC Data

SDG I.D.: GBG34100

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% TCMX (Surrogate Rec)	61	93			84	89	5.8	30 - 150	30
QA/QC Batch 272135, QC Sample No: BG34107 (BG34100, BG34101, BG34102)									
Volatiles - Solid									
1,1,1,2-Tetrachloroethane	ND	95	99	4.1	96	96	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	90	93	3.3	98	97	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	89	94	5.5	93	93	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	88	92	4.4	98	96	2.1	70 - 130	30
1,1-Dichloroethane	ND	89	92	3.3	96	94	2.1	70 - 130	30
1,1-Dichloroethene	ND	94	101	7.2	98	96	2.1	70 - 130	30
1,1-Dichloropropene	ND	93	99	6.3	104	101	2.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	100	102	2.0	90	85	5.7	70 - 130	30
1,2,3-Trichloropropane	ND	89	97	8.6	97	98	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	100	101	1.0	87	79	9.6	70 - 130	30
1,2,4-Trimethylbenzene	ND	98	102	4.0	101	96	5.1	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	88	95	7.7	92	95	3.2	70 - 130	30
1,2-Dibromoethane	ND	88	93	5.5	96	95	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	97	100	3.0	96	93	3.2	70 - 130	30
1,2-Dichloroethane	ND	88	92	4.4	98	95	3.1	70 - 130	30
1,2-Dichloropropane	ND	90	94	4.3	99	96	3.1	70 - 130	30
1,3,5-Trimethylbenzene	ND	99	101	2.0	102	99	3.0	70 - 130	30
1,3-Dichlorobenzene	ND	99	100	1.0	97	91	6.4	70 - 130	30
1,3-Dichloropropane	ND	93	96	3.2	97	97	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	98	100	2.0	94	90	4.3	70 - 130	30
2,2-Dichloropropane	ND	89	93	4.4	93	90	3.3	70 - 130	30
2-Chlorotoluene	ND	100	105	4.9	104	100	3.9	70 - 130	30
2-Hexanone	ND	89	94	5.5	82	87	5.9	70 - 130	30
2-Isopropyltoluene	ND	103	106	2.9	106	102	3.8	70 - 130	30
4-Chlorotoluene	ND	96	101	5.1	98	92	6.3	70 - 130	30
4-Methyl-2-pentanone	ND	87	93	6.7	94	94	0.0	70 - 130	30
Acetone	ND	91	97	6.4	75	70	6.9	70 - 130	30
Acrylonitrile	ND	83	88	5.8	91	90	1.1	70 - 130	30
Benzene	ND	91	95	4.3	101	98	3.0	70 - 130	30
Bromobenzene	ND	97	102	5.0	103	97	6.0	70 - 130	30
Bromochloromethane	ND	90	92	2.2	95	96	1.0	70 - 130	30
Bromodichloromethane	ND	91	93	2.2	99	96	3.1	70 - 130	30
Bromoform	ND	88	96	8.7	93	94	1.1	70 - 130	30
Bromomethane	ND	98	99	1.0	96	95	1.0	70 - 130	30
Carbon Disulfide	ND	93	99	6.3	91	90	1.1	70 - 130	30
Carbon tetrachloride	ND	95	101	6.1	107	101	5.8	70 - 130	30
Chlorobenzene	ND	97	100	3.0	100	99	1.0	70 - 130	30
Chloroethane	ND	89	96	7.6	94	93	1.1	70 - 130	30
Chloroform	ND	88	91	3.4	97	94	3.1	70 - 130	30
Chloromethane	ND	82	86	4.8	79	78	1.3	70 - 130	30
cis-1,2-Dichloroethene	ND	90	95	5.4	96	94	2.1	70 - 130	30
cis-1,3-Dichloropropene	ND	89	93	4.4	96	93	3.2	70 - 130	30
Dibromochloromethane	ND	98	101	3.0	99	98	1.0	70 - 130	30
Dibromomethane	ND	86	89	3.4	97	95	2.1	70 - 130	30
Dichlorodifluoromethane	ND	70	76	8.2	68	67	1.5	70 - 130	30
Ethylbenzene	ND	99	103	4.0	101	103	2.0	70 - 130	30
Hexachlorobutadiene	ND	104	109	4.7	103	101	2.0	70 - 130	30
Isopropylbenzene	ND	101	105	3.9	107	103	3.8	70 - 130	30
m&p-Xylene	ND	95	100	5.1	99	97	2.0	70 - 130	30

m

QA/QC Data

SDG I.D.: GBG34100

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl ethyl ketone	ND	88	91	3.4	84	82	2.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	90	94	4.3	96	95	1.0	70 - 130	30
Methylene chloride	ND	89	92	3.3	92	88	4.4	70 - 130	30
Naphthalene	ND	95	100	5.1	95	93	2.1	70 - 130	30
n-Butylbenzene	ND	101	105	3.9	100	95	5.1	70 - 130	30
n-Propylbenzene	ND	99	104	4.9	105	101	3.9	70 - 130	30
o-Xylene	ND	97	100	3.0	50	50	0.0	70 - 130	30 m
p-Isopropyltoluene	ND	101	104	2.9	104	99	4.9	70 - 130	30
sec-Butylbenzene	ND	99	104	4.9	105	102	2.9	70 - 130	30
Styrene	ND	99	102	3.0	49	49	0.0	70 - 130	30 m
tert-Butylbenzene	ND	100	104	3.9	108	103	4.7	70 - 130	30
Tetrachloroethene	ND	99	104	4.9	106	105	0.9	70 - 130	30
Tetrahydrofuran (THF)	ND	79	84	6.1	86	88	2.3	70 - 130	30
Toluene	ND	93	97	4.2	101	98	3.0	70 - 130	30
trans-1,2-Dichloroethene	ND	95	99	4.1	99	96	3.1	70 - 130	30
trans-1,3-Dichloropropene	ND	88	93	5.5	94	91	3.2	70 - 130	30
trans-1,4-dichloro-2-butene	ND	98	103	5.0	92	91	1.1	70 - 130	30
Trichloroethene	ND	97	103	6.0	103	102	1.0	70 - 130	30
Trichlorofluoromethane	ND	94	99	5.2	99	96	3.1	70 - 130	30
Trichlorotrifluoroethane	ND	94	103	9.1	102	103	1.0	70 - 130	30
Vinyl chloride	ND	87	91	4.5	85	86	1.2	70 - 130	30
% 1,2-dichlorobenzene-d4	99	100	103	3.0	102	101	1.0	70 - 130	30
% Bromofluorobenzene	96	98	98	0.0	97	97	0.0	70 - 130	30
% Dibromofluoromethane	98	94	97	3.1	91	95	4.3	70 - 130	30
% Toluene-d8	90	93	94	1.1	99	97	2.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 271910, QC Sample No: BG34107 (BG34100, BG34101, BG34102, BG34103)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	84	87	3.5	84	82	2.4	30 - 130	30
1,2,4-Trichlorobenzene	ND	85	85	0.0	84	83	1.2	30 - 130	30
1,2-Dichlorobenzene	ND	80	80	0.0	77	77	0.0	30 - 130	30
1,2-Diphenylhydrazine	ND	86	86	0.0	83	89	7.0	30 - 130	30
1,3-Dichlorobenzene	ND	80	79	1.3	77	77	0.0	30 - 130	30
1,4-Dichlorobenzene	ND	79	77	2.6	76	75	1.3	30 - 130	30
2,4,5-Trichlorophenol	ND	93	96	3.2	98	99	1.0	30 - 130	30
2,4,6-Trichlorophenol	ND	87	89	2.3	94	95	1.1	30 - 130	30
2,4-Dichlorophenol	ND	90	91	1.1	90	89	1.1	30 - 130	30
2,4-Dimethylphenol	ND	56	56	0.0	58	59	1.7	30 - 130	30
2,4-Dinitrophenol	ND	<10	<10	NC	18	26	36.4	30 - 130	30 l,m,r
2,4-Dinitrotoluene	ND	91	92	1.1	90	91	1.1	30 - 130	30
2,6-Dinitrotoluene	ND	89	88	1.1	88	90	2.2	30 - 130	30
2-Chloronaphthalene	ND	86	87	1.2	87	88	1.1	30 - 130	30
2-Chlorophenol	ND	84	84	0.0	81	82	1.2	30 - 130	30
2-Methylnaphthalene	ND	82	82	0.0	81	80	1.2	30 - 130	30
2-Methylphenol (o-cresol)	ND	81	82	1.2	80	83	3.7	30 - 130	30
2-Nitroaniline	ND	115	115	0.0	113	118	4.3	30 - 130	30
2-Nitrophenol	ND	83	84	1.2	86	91	5.6	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	82	81	1.2	78	81	3.8	30 - 130	30
3,3'-Dichlorobenzidine	ND	107	112	4.6	94	98	4.2	30 - 130	30
3-Nitroaniline	ND	91	91	0.0	87	89	2.3	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	32	40	22.2	86	94	8.9	30 - 130	30

QA/QC Data

SDG I.D.: GBG34100

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
4-Bromophenyl phenyl ether	ND	85	86	1.2	85	84	1.2	30 - 130	30
4-Chloro-3-methylphenol	ND	94	96	2.1	90	94	4.3	30 - 130	30
4-Chloroaniline	ND	58	59	1.7	51	54	5.7	30 - 130	30
4-Chlorophenyl phenyl ether	ND	84	86	2.4	85	84	1.2	30 - 130	30
4-Nitroaniline	ND	95	93	2.1	90	99	9.5	30 - 130	30
4-Nitrophenol	ND	91	89	2.2	97	104	7.0	30 - 130	30
Acenaphthene	ND	84	85	1.2	85	85	0.0	30 - 130	30
Acenaphthylene	ND	85	84	1.2	84	86	2.4	30 - 130	30
Acetophenone	ND	85	84	1.2	81	84	3.6	30 - 130	30
Aniline	ND	79	78	1.3	67	69	2.9	30 - 130	30
Anthracene	ND	86	88	2.3	86	87	1.2	30 - 130	30
Benz(a)anthracene	ND	86	87	1.2	87	86	1.2	30 - 130	30
Benzidine	ND	>200	>200	NC	NC	NC	NC	30 - 130	30
Benzo(a)pyrene	ND	78	78	0.0	79	78	1.3	30 - 130	30
Benzo(b)fluoranthene	ND	84	88	4.7	88	90	2.2	30 - 130	30
Benzo(ghi)perylene	ND	84	87	3.5	85	85	0.0	30 - 130	30
Benzo(k)fluoranthene	ND	87	85	2.3	87	83	4.7	30 - 130	30
Benzyl butyl phthalate	ND	88	85	3.5	89	92	3.3	30 - 130	30
Bis(2-chloroethoxy)methane	ND	81	81	0.0	79	81	2.5	30 - 130	30
Bis(2-chloroethyl)ether	ND	78	77	1.3	74	77	4.0	30 - 130	30
Bis(2-chloroisopropyl)ether	ND	81	79	2.5	75	81	7.7	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	86	84	2.4	86	87	1.2	30 - 130	30
Carbazole	ND	91	91	0.0	96	97	1.0	30 - 130	30
Chrysene	ND	87	87	0.0	89	88	1.1	30 - 130	30
Dibenz(a,h)anthracene	ND	86	88	2.3	87	87	0.0	30 - 130	30
Dibenzofuran	ND	86	86	0.0	86	85	1.2	30 - 130	30
Diethyl phthalate	ND	86	87	1.2	85	86	1.2	30 - 130	30
Dimethylphthalate	ND	85	85	0.0	84	86	2.4	30 - 130	30
Di-n-butylphthalate	ND	86	86	0.0	88	89	1.1	30 - 130	30
Di-n-octylphthalate	ND	83	85	2.4	78	86	9.8	30 - 130	30
Fluoranthene	ND	89	86	3.4	96	94	2.1	30 - 130	30
Fluorene	ND	86	88	2.3	87	87	0.0	30 - 130	30
Hexachlorobenzene	ND	86	84	2.4	83	86	3.6	30 - 130	30
Hexachlorobutadiene	ND	81	82	1.2	80	79	1.3	30 - 130	30
Hexachlorocyclopentadiene	ND	67	72	7.2	65	64	1.6	30 - 130	30
Hexachloroethane	ND	80	80	0.0	76	78	2.6	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	85	87	2.3	86	86	0.0	30 - 130	30
Isophorone	ND	87	88	1.1	85	87	2.3	30 - 130	30
Naphthalene	ND	82	82	0.0	80	81	1.2	30 - 130	30
Nitrobenzene	ND	83	80	3.7	78	82	5.0	30 - 130	30
N-Nitrosodimethylamine	ND	83	78	6.2	70	77	9.5	30 - 130	30
N-Nitrosodi-n-propylamine	ND	83	83	0.0	77	83	7.5	30 - 130	30
N-Nitrosodiphenylamine	ND	95	98	3.1	96	97	1.0	30 - 130	30
Pentachloronitrobenzene	ND	87	88	1.1	89	90	1.1	30 - 130	30
Pentachlorophenol	ND	73	74	1.4	111	112	0.9	30 - 130	30
Phenanthrene	ND	87	87	0.0	87	88	1.1	30 - 130	30
Phenol	ND	96	93	3.2	90	95	5.4	30 - 130	30
Pyrene	ND	91	88	3.4	98	95	3.1	30 - 130	30
Pyridine	ND	73	71	2.8	61	64	4.8	30 - 130	30
% 2,4,6-Tribromophenol	83	87	85	2.3	85	93	9.0	30 - 130	30
% 2-Fluorobiphenyl	78	79	80	1.3	80	80	0.0	30 - 130	30
% 2-Fluorophenol	78	78	77	1.3	75	77	2.6	30 - 130	30
% Nitrobenzene-d5	77	80	79	1.3	76	78	2.6	30 - 130	30

QA/QC Data

SDG I.D.: GBG34100

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Phenol-d5	80	82	80	2.5	78	81	3.8	30 - 130	30
% Terphenyl-d14	76	95	91	4.3	102	96	6.1	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

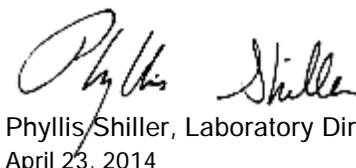
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director
April 23, 2014

Criteria: NY: 375, 375RRS, 375RS

State: NY

Sample Criteria Exceedences Report

GBG34100 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BG34100	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	540	330	330		ug/Kg
BG34100	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	540	330	330		ug/Kg
BG34100	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2000	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2100	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2700	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2700	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1800	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1800	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	540	1000	1000		ug/Kg
BG34100	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	590	540	500	500		ug/Kg
BG34100	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	590	540	500	500		ug/Kg
BG34100	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	590	540	500	500		ug/Kg
BG34100	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	540	330	330		ug/Kg
BG34100	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	540	330	330		ug/Kg
BG34100	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	540	330	330		ug/Kg
BG34100	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	30.3	0.7	16	16		mg/Kg
BG34100	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	30.3	0.7	16	16		mg/Kg
BG34100	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	30.3	0.7	13	13		mg/Kg
BG34100	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	159	3.7	50	50		mg/kg
BG34100	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.37	0.07	0.18	0.18		mg/Kg
BG34100	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	332	7.4	63	63		mg/Kg
BG34100	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	202	7.4	109	109		mg/Kg
BG34101	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	106	0.49	50	50		mg/kg
BG34101	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	114	1.0	63	63		mg/Kg
BG34101	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	127	1.0	109	109		mg/Kg
BG34103	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	160	81	50	50		ug/Kg
BG34103	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	330	330		ug/Kg
BG34103	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	330	330		ug/Kg
BG34103	\$8270SMRDP	Dibenzofuran	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	15000	7000	7000		ug/Kg
BG34103	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	15000	2400	2400		ug/Kg
BG34103	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	15000	6700	6700		ug/Kg
BG34103	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	800	800		ug/Kg
BG34103	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	15000	1000	1000		ug/Kg
BG34103	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	15000	1000	1000		ug/Kg
BG34103	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	1000	1000		ug/Kg
BG34103	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	15000	1000	1000		ug/Kg

Criteria: NY: 375, 375RRS, 375RS

State: NY

Sample Criteria Exceedences Report

GBG34100 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG34103	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	15000	3900	3900	ug/Kg
BG34103	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	1000	1000	ug/Kg
BG34103	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	15000	1000	1000	ug/Kg
BG34103	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	15000	1000	1000	ug/Kg
BG34103	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	1000	1000	ug/Kg
BG34103	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	15000	1000	1000	ug/Kg
BG34103	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	15000	3900	3900	ug/Kg
BG34103	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	800	800	ug/Kg
BG34103	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	15000	1000	1000	ug/Kg
BG34103	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	15000	1000	1000	ug/Kg
BG34103	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	1000	1000	ug/Kg
BG34103	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	15000	500	500	ug/Kg
BG34103	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	15000	500	500	ug/Kg
BG34103	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	500	500	ug/Kg
BG34103	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	15000	330	330	ug/Kg
BG34103	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	15000	330	330	ug/Kg
BG34103	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	15000	330	330	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

April 23, 2014

SDG I.D.: GBG34100

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)



Tuesday, April 22, 2014

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: DOMINO SUGAR SITE B
Sample ID#s: BG34096 - BG34099

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: DM
 Received by: SW
 Analyzed by: see "By" below

Date Time
 04/17/14 11:08
 04/17/14 17:15

Laboratory Data

SDG ID: GBG34096
 Phoenix ID: BG34096

Project ID: DOMINO SUGAR SITE B
 Client ID: B-SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	04/18/14	KCA	TO15	1
1,1,1-Trichloroethane	0.81	0.183	4.42	1.00	04/18/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	04/18/14	KCA	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	04/18/14	KCA	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	04/18/14	KCA	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	04/18/14	KCA	TO15	
1,2,4-Trimethylbenzene	0.39	0.204	1.92	1.00	04/18/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	04/18/14	KCA	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	04/18/14	KCA	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	04/18/14	KCA	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	04/18/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	04/18/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	04/18/14	KCA	TO15	
1,3-Dichlorobenzene	2.21	0.166	13.3	1.00	04/18/14	KCA	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	04/18/14	KCA	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	04/18/14	KCA	TO15	
2-Hexanone(MBK)	1.57	0.244	6.43	1.00	04/18/14	KCA	TO15	1
4-Ethyltoluene	ND	0.204	ND	1.00	04/18/14	KCA	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	04/18/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	04/18/14	KCA	TO15	
Acetone	204	0.421	484	1.00	04/18/14	KCA	TO15	
Acrylonitrile	ND	0.461	ND	1.00	04/18/14	KCA	TO15	
Benzene	ND	0.313	ND	1.00	04/18/14	KCA	TO15	
Benzyl chloride	ND	0.193	ND	1.00	04/18/14	KCA	TO15	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	04/18/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	04/18/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	04/18/14	KCA	TO15
Carbon Disulfide	0.43	0.321	1.34	1.00	04/18/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	04/18/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	04/18/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	04/18/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	04/18/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	04/18/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	04/18/14	KCA	TO15
Cyclohexane	ND	0.291	ND	1.00	04/18/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	04/18/14	KCA	TO15
Dichlorodifluoromethane	0.45	0.202	2.22	1.00	04/18/14	KCA	TO15
Ethanol	34.2	0.531	64.4	1.00	04/18/14	KCA	TO15 1
Ethyl acetate	9.38	0.278	33.8	1.00	04/18/14	KCA	TO15 1
Ethylbenzene	ND	0.230	ND	1.00	04/18/14	KCA	TO15
Heptane	0.61	0.244	2.50	1.00	04/18/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	04/18/14	KCA	TO15
Hexane	0.68	0.284	2.40	1.00	04/18/14	KCA	TO15
Isopropylalcohol	42.6	0.407	105	1.00	04/18/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15
m,p-Xylene	0.34	0.230	1.48	1.00	04/18/14	KCA	TO15
Methyl Ethyl Ketone	17.9	0.339	52.8	1.00	04/18/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	04/18/14	KCA	TO15
Methylene Chloride	2.12	0.288	7.36	1.00	04/18/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
o-Xylene	ND	0.230	ND	1.00	04/18/14	KCA	TO15
Propylene	6	0.581	10.3	1.00	04/18/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	04/18/14	KCA	TO15
Tetrachloroethene	0.1	0.037	0.678	0.25	04/18/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	04/18/14	KCA	TO15 1
Toluene	0.4	0.266	1.51	1.00	04/18/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	04/18/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	04/18/14	KCA	TO15
Trichlorofluoromethane	1.16	0.178	6.51	1.00	04/18/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	04/18/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	04/18/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	103	%	103	%	04/18/14	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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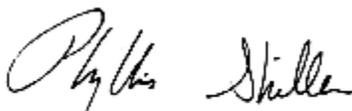
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 22, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: DM
 Received by: SW
 Analyzed by: see "By" below

Date

04/17/14
 04/17/14

Time

10:53
 17:15

Laboratory Data

SDG ID: GBG34096
 Phoenix ID: BG34097

Project ID: DOMINO SUGAR SITE B
 Client ID: B-SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	04/18/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	04/18/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	04/18/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	04/18/14	KCA	TO15
1,1-Dichloroethane	0.37	0.247	1.50	1.00	04/18/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	04/18/14	KCA	TO15
1,2,4-Trimethylbenzene	0.39	0.204	1.92	1.00	04/18/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	04/18/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	04/18/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	04/18/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	04/18/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	04/18/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	04/18/14	KCA	TO15
1,3-Dichlorobenzene	1.15	0.166	6.91	1.00	04/18/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	04/18/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	04/18/14	KCA	TO15
2-Hexanone(MBK)	4.63	0.244	19.0	1.00	04/18/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	04/18/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	04/18/14	KCA	TO15
Acetone	228	0.421	541	1.00	04/18/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	04/18/14	KCA	TO15
Benzene	0.96	0.313	3.06	1.00	04/18/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	04/18/14	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	04/18/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	04/18/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	04/18/14	KCA	TO15
Carbon Disulfide	4.59	0.321	14.3	1.00	04/18/14	KCA	TO15
Carbon Tetrachloride	0.08	0.040	0.503	0.25	04/18/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	04/18/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	04/18/14	KCA	TO15
Chloroform	0.56	0.205	2.73	1.00	04/18/14	KCA	TO15
Chloromethane	0.52	0.484	1.07	1.00	04/18/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	04/18/14	KCA	TO15
Cyclohexane	0.45	0.291	1.55	1.00	04/18/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	04/18/14	KCA	TO15
Dichlorodifluoromethane	0.55	0.202	2.72	1.00	04/18/14	KCA	TO15
Ethanol	27	0.531	50.8	1.00	04/18/14	KCA	TO15 1
Ethyl acetate	2.01	0.278	7.24	1.00	04/18/14	KCA	TO15 1
Ethylbenzene	0.33	0.230	1.43	1.00	04/18/14	KCA	TO15
Heptane	2.33	0.244	9.54	1.00	04/18/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	04/18/14	KCA	TO15
Hexane	1.26	0.284	4.44	1.00	04/18/14	KCA	TO15
Isopropylalcohol	41.2	0.407	101	1.00	04/18/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15
m,p-Xylene	1.19	0.230	5.16	1.00	04/18/14	KCA	TO15
Methyl Ethyl Ketone	31.5	0.339	92.8	1.00	04/18/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	04/18/14	KCA	TO15
Methylene Chloride	0.62	0.288	2.15	1.00	04/18/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
o-Xylene	0.54	0.230	2.34	1.00	04/18/14	KCA	TO15
Propylene	15.2	0.581	26.1	1.00	04/18/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	04/18/14	KCA	TO15
Tetrachloroethene	0.07	0.037	0.474	0.25	04/18/14	KCA	TO15
Tetrahydrofuran	0.54	0.339	1.59	1.00	04/18/14	KCA	TO15 1
Toluene	1.81	0.266	6.82	1.00	04/18/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	04/18/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	04/18/14	KCA	TO15
Trichlorofluoromethane	11.2	0.178	62.9	1.00	04/18/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	04/18/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	04/18/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	108	%	108	%	04/18/14	KCA	TO15

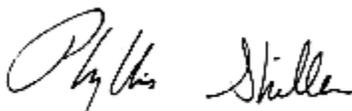
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 22, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: DM
 Received by: SW
 Analyzed by: see "By" below

Date

04/17/14
 04/17/14

Time

10:54
 17:15

Laboratory Data

SDG ID: GBG34096
 Phoenix ID: BG34098

Project ID: DOMINO SUGAR SITE B
 Client ID: B-SG3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	04/18/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	04/18/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	04/18/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	04/18/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	04/18/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	04/18/14	KCA	TO15
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	04/18/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	04/18/14	KCA	TO15
1,2-Dichloroethane	1.08	0.247	4.37	1.00	04/18/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	04/18/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	04/18/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	04/18/14	KCA	TO15
1,3-Dichlorobenzene	1.79	0.166	10.8	1.00	04/18/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	04/18/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	04/18/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	04/18/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	04/18/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	04/18/14	KCA	TO15
Acetone	397	0.421	942	1.00	04/18/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	04/18/14	KCA	TO15
Benzene	ND	0.313	ND	1.00	04/18/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	04/18/14	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	04/18/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	04/18/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	04/18/14	KCA	TO15
Carbon Disulfide	0.97	0.321	3.02	1.00	04/18/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	04/18/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	04/18/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	04/18/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	04/18/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	04/18/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	04/18/14	KCA	TO15
Cyclohexane	ND	0.291	ND	1.00	04/18/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	04/18/14	KCA	TO15
Dichlorodifluoromethane	ND	0.202	ND	1.00	04/18/14	KCA	TO15
Ethanol	37.2	0.531	70.0	1.00	04/18/14	KCA	TO15 1
Ethyl acetate	10.8	0.278	38.9	1.00	04/18/14	KCA	TO15 1
Ethylbenzene	0.24	0.230	1.04	1.00	04/18/14	KCA	TO15
Heptane	ND	0.244	ND	1.00	04/18/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	04/18/14	KCA	TO15
Hexane	1.14	0.284	4.02	1.00	04/18/14	KCA	TO15
Isopropylalcohol	51.7	0.407	127	1.00	04/18/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15
m,p-Xylene	0.73	0.230	3.17	1.00	04/18/14	KCA	TO15
Methyl Ethyl Ketone	19.8	0.339	58.4	1.00	04/18/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	04/18/14	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	04/18/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
o-Xylene	ND	0.230	ND	1.00	04/18/14	KCA	TO15
Propylene	96	0.581	165	1.00	04/18/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	04/18/14	KCA	TO15
Tetrachloroethene	ND	0.037	ND	0.25	04/18/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	04/18/14	KCA	TO15 1
Toluene	ND	0.266	ND	1.00	04/18/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	04/18/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	04/18/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	04/18/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	04/18/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	04/18/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	108	%	108	%	04/18/14	KCA	TO15

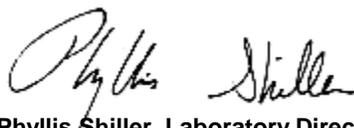
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

April 22, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Analysis Report

April 22, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: DM
 Received by: SW
 Analyzed by: see "By" below

Date

04/17/14
 04/17/14

Time

10:55
 17:15

Laboratory Data

SDG ID: GBG34096
 Phoenix ID: BG34099

Project ID: DOMINO SUGAR SITE B
 Client ID: B-SG4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	04/18/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	04/18/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	04/18/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	04/18/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	04/18/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	04/18/14	KCA	TO15
1,2,4-Trimethylbenzene	0.39	0.204	1.92	1.00	04/18/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	04/18/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	04/18/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	04/18/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	04/18/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	04/18/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	04/18/14	KCA	TO15
1,3-Dichlorobenzene	2.53	0.166	15.2	1.00	04/18/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	04/18/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	04/18/14	KCA	TO15
2-Hexanone(MBK)	1.88	0.244	7.70	1.00	04/18/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	04/18/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	04/18/14	KCA	TO15
Acetone	181	0.421	430	1.00	04/18/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	04/18/14	KCA	TO15
Benzene	ND	0.313	ND	1.00	04/18/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	04/18/14	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	04/18/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	04/18/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	04/18/14	KCA	TO15
Carbon Disulfide	1.16	0.321	3.61	1.00	04/18/14	KCA	TO15
Carbon Tetrachloride	0.06	0.040	0.377	0.25	04/18/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	04/18/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	04/18/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	04/18/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	04/18/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	04/18/14	KCA	TO15
Cyclohexane	ND	0.291	ND	1.00	04/18/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	04/18/14	KCA	TO15
Dichlorodifluoromethane	0.45	0.202	2.22	1.00	04/18/14	KCA	TO15
Ethanol	24.7	0.531	46.5	1.00	04/18/14	KCA	TO15 1
Ethyl acetate	2.67	0.278	9.62	1.00	04/18/14	KCA	TO15 1
Ethylbenzene	ND	0.230	ND	1.00	04/18/14	KCA	TO15
Heptane	0.37	0.244	1.52	1.00	04/18/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	04/18/14	KCA	TO15
Hexane	0.36	0.284	1.27	1.00	04/18/14	KCA	TO15
Isopropylalcohol	22.3	0.407	54.8	1.00	04/18/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	04/18/14	KCA	TO15
m,p-Xylene	0.41	0.230	1.78	1.00	04/18/14	KCA	TO15
Methyl Ethyl Ketone	12.7	0.339	37.4	1.00	04/18/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	04/18/14	KCA	TO15
Methylene Chloride	0.39	0.288	1.35	1.00	04/18/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
o-Xylene	ND	0.230	ND	1.00	04/18/14	KCA	TO15
Propylene	7.12	0.581	12.2	1.00	04/18/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	04/18/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	04/18/14	KCA	TO15
Tetrachloroethene	0.07	0.037	0.474	0.25	04/18/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	04/18/14	KCA	TO15 1
Toluene	0.47	0.266	1.77	1.00	04/18/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	04/18/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	04/18/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	04/18/14	KCA	TO15
Trichlorofluoromethane	7.79	0.178	43.7	1.00	04/18/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	04/18/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	04/18/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	103	%	103	%	04/18/14	KCA	TO15

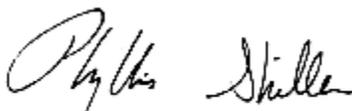
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
-----------	----------------	------------	-----------------	-------------	-----------	----	-----------

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 22, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

April 22, 2014

QA/QC Data

SDG I.D.: GBG34096

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 272020, QC Sample No: BG34092 (BG34096, BG34097, BG34098, BG34099)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	101	3.16	2.62	0.58	0.48	18.9	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	104	5.28	4.18	1.29	1.02	23.4	70 - 130	20
4-Ethyltoluene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	96	264	198	111	83.3	28.5	70 - 130	20
Acrylonitrile	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Benzyl chloride	ND	ND	124	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	ND	104	0.377	0.314	0.06	0.05	18.2	70 - 130	20
Chlorobenzene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	88	3.81	3.42	0.78	0.7	10.8	70 - 130	20
Chloromethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	98	2.65	2.18	0.67	0.55	19.7	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	104	1.63	1.88	0.33	0.38	14.1	70 - 130	20
Ethanol	ND	ND	91	9.40	8.92	4.99	4.74	5.1	70 - 130	20

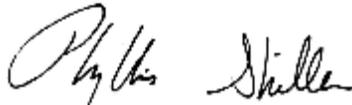
QA/QC Data

SDG I.D.: GBG34096

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Heptane	ND	ND	97	1.15	1.27	0.28	0.31	10.2	70 - 130	20
Hexachlorobutadiene	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20
Isopropylalcohol	ND	ND	101	4.86	3.68	1.98	1.5	27.6	70 - 130	20
Isopropylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	106	1.04	ND	0.24	ND	NC	70 - 130	20
Methyl Ethyl Ketone	ND	ND	100	19.9	15.6	6.74	5.31	23.7	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	86	1.60	1.01	0.46	0.29	45.3	70 - 130	20
n-Butylbenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Propylene	ND	ND	105	5.21	3.58	3.03	2.08	37.2	70 - 130	20
sec-Butylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	103	2.03	1.63	0.3	0.24	22.2	70 - 130	20
Tetrahydrofuran	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	103	1.81	1.47	0.48	0.39	20.7	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	98	24.1	24.2	4.49	4.51	0.4	70 - 130	20
Trichlorofluoromethane	ND	ND	98	1.35	1.07	0.24	0.19	23.3	70 - 130	20
Trichlorotrifluoroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	104	104	100	108	102	108	102	5.7	70 - 130	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 April 22, 2014

Criteria: None

State: NY

Sample Criteria Exceedences Report

GBG34096 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**CHAIN OF CUSTODY RECORD
AIR ANALYSES**

800-827-5426
email: greg@phoenixlabs.com

P.O. # _____ Page _____ of _____ /

Data Delivery: Fax #: _____
 Email: _____
 Phone #: _____

Report to: _____
Customer: ELC
Address: 1808 Middle Country Road Ridge, NY
Invoice to: _____
Project Name: DOMINO SUGAR SITE B
Criteria Requested: Deliverable: RCP MCP
State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	MATRIX	
													Soil Gas	Grab (G) Composite (C)
34096	B-SG1	13000	6.0	-30	-3	4408	42	0923	1108	4-17-14	-30	-7	X	X
34097	B-SG2	380	6.0	-30	-3	3408	42	0912	1053		-29	-5		
34098	B-SG3	478	6.0	-30	-3	4050	42	0917	1054		-29	-7		
34099	B-SG4	12850	6.0	-30	-3	5044	42	0922	1055		-29	-6		
		225	6.0	-30	-3	485	42							

Relinquished by: [Signature] Date: 4-17-14
Accepted by: [Signature] Date: 4-17
Data Format: Excel Equis GISKey
 PDF Other: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
Word RES #4982 CD
I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.
Signature: [Signature] Date: 4-17-14
Quote Number: _____

ATTACHMENT E
EHI 2004 PHASE I REPORT

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.

655 West Shore Trail Sparta, New Jersey 07871 • Phone/Fax 973-729-5649

AN ENVIRONMENTAL ASSESSMENT PHASE I

of

**Domino Sugar Refinery
264 - 366 and 329 Kent Avenue
Brooklyn, NY 11211-5131**

Prepared For

**Community Preservation Corporation
175 Remsen Street, 10th Floor
Brooklyn, NY 11201**

by

**Environmental Health Investigations, Inc.
655 West Shore Trail
Sparta, New Jersey 07871
(973) 729-5649**

EHI Project #: 0220-1025

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.

655 West Shore Trail Sparta, New Jersey 07871 • Phone/Fax 973-729-5649

Phase I Assessment

PHASE I ENVIRONMENTAL ASSESSMENT

Inspectors: William S. Kerbel, CIH

Date of Inspection: April 29, 2004 - June 16, 2004

Report Prepared By: William S. Kerbel, CIH

Signed For The Corporation By:



William S. Kerbel, CIH

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5.0 Site Inspection - Areas of Environmental Concern 13

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Appendix II - Site Plan

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Appendix IV - Historical Topographical Maps/Sanborn Maps/Aerial Photography

Appendix V - Electronic Data Bases

Appendix VI - Freedom of Information Requests/Replies

Phase I Assessment

1.0 Introduction/Methodology/Description

Environmental Health Investigations, Inc. (EHI), was retained by Community Preservation Corporation to perform a Phase I Environmental Assessment (“the Assessment”) on its behalf with the designed purpose of identifying, to the extent feasible, recognized environmental conditions. A recognized environmental condition is the presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The Assessment was conducted in accordance with the requirements of the ASTM Standards on Environmental Site Assessments for Commercial Real Estate (E1527-00). The Assessment was performed to identify potential environmental risks associated with or related to the parcel of land known as and located at:

Domino Sugar Refinery
264 - 366 and 329 Kent Avenue
Brooklyn, NY 11211-5131
Block 2414, Lot 1
Block 2428, Lot 1

1.1 Intent and Scope of Investigation

The purpose of this Assessment was to investigate and describe conditions at the subject Site in order to establish a “due diligence” inquiry regarding areas of potential environmental concern.

To accomplish these goals, EHI performed the following tasks:

Phase I Assessment

1. Field examinations of the Site were conducted by EHI personnel on 4/29/04, 5/27/04, and 6/9/04.
2. A database search was conducted utilizing Federal and State Environmental Records Search regarding the target Property and sites in the vicinity of the subject Property.
3. Certain staff and associated personnel of the owner and current operator of the above Property were interviewed for any information regarding environmental concerns.
4. A search review of historical 7.5 minute Topographical Quadrangle Maps, Sanborn Fire Insurance maps, and other historical documents available from public sources.
5. The New York City of Environmental Protection (NYC DEP), the New York City Department of Health (NYC DOH), and the New York City Fire Department (NYC FD) were contacted for information regarding the property.
6. A Phase One report developed by Environ Corporation provided by the current owner was reviewed.
7. A soil sampling report generated by APEX Environmental dated June 21, 1999 was reviewed.
8. An asbestos survey report prepared by Precision Environmental, Inc., dated May 6, 2004 was reviewed.
9. A groundwater contingency plan developed by Dames & Moore was reviewed as well as yearly ground monitoring reports.
10. The New York State Department of Environmental Conservation was contacted and an office visit was conducted to review existing files relevant to the property. This visit was conducted on June 15, 2004.
11. Conclusions concerning the environmental quality of the Site were based upon the evaluation and interpretation of the above information.

2.0 Property Overview/History

2.1 Site Setting

The property is located at 264 - 366 and 329 Kent Avenue in Brooklyn, Kings County, New York. The site consists of 11.5 acre parcel stretching approximately one-quarter mile along

Phase I Assessment

the East River between South Fifth Street and Grand Street and a parking area located between South Third and South Fourth Streets. This parcel is improved with numerous interconnected buildings that comprise approximately one million square feet. The site buildings range from one to eleven stories, and were reportedly constructed at various times from 1853 to 1960.

The complex is divided into three main sections by South Third and South Second Streets, which traverse the site (but are not public through streets on the block between Kent Avenue and the East River). The northern most section consists of office space, the central testing laboratory, two 200,754-gallon fuel oil underground storage tanks, and the former raw sugar warehouse, wash house, and two above ground storage tanks for the storage of sugar liquor. The central section houses the boilers and turbines previously used to generate site heat and electricity, as well as the primary manufacturing operations. The southern section houses packaging and warehouse activities, as well as office space and a cafeteria. A tanker truck washing station is located along South Third Avenue between the central and southern sections of the site. The majority of the site is paved.

The facility is located in a mixed industrial, commercial, and residential area. Adjacent land use to the north, east, and south of the site consists primarily of light industrial and commercial facilities including Radiac Research, a treatment storage and disposal facility for hazardous wastes, and a storage facility for the NYC Housing Authority. The East River borders the site to the west.

Based on the USGS Brooklyn, New York 7.5-minute quadrangle, the site slopes gently to the west-northwest from an elevation of approximately 30 feet above the mean sea level (AMSL) to about 10 feet AMSL at the river. According to the EDR report, portions of the site and

Phase I Assessment

immediate vicinity are located within the 100-year and 500-year East River flood zones. Surface water runoff at the site is directed to municipal storm water catch basins located throughout the site. According to site management, these catch basins discharge to the municipal water treatment plant located in the maintenance area and at the truck washing station.

The City of Brooklyn provides potable water to the site. There are no potable supply wells at the site and according to the EDR report, no potable supply wells are located within one mile of the site. Based on the local topography and the site proximity to the river, shallow ground water likely flows easterly toward the East River.

A survey conducted by Dames and Moore dated May 24, 1991 concluded that bedrock in the site area consists of granitic gneiss, the top of which ranges from 50 to 90 feet below ground surface. The upper surface of the bedrock exhibits a thick zone of weathering which varies up to 50 feet over the site (Philips & Worthington, 1919 and 1925). The varying depth to bedrock is attributable to the differences of surface elevation and erosion of the bedrock surface.

Unconsolidated deposits overlying bedrock, consist of stratified and interbedded layers of clay and fine to coarse sands and gravel of the Upper Glacial Formation. A local hardpan of approximately 5 to 15 feet thick is documented to be present at depths of about 20 to 30 feet below grade (Philips & Worthington, 1919 and 1925). Pre-Pleistocene deposits including Upper Cretaceous formations are believed to be absent in the site area.

The uppermost unconsolidated unit consists of miscellaneous fill, which, in general, comprises medium to fine sand and silty sand with concrete, brick, wood, and other debris. The fill ranges from ground surface to more than 30 feet below grade across the site. A review of historical maps, some of which are dated in the late 1800s, suggest that most of the site west of

Phase I Assessment

Kent Avenue received fill material as part of site development. In addition, the No. 6 oil storage area was formerly the site of a building(s) in the late 1800s which was constructed on pile-supported foundations.

Deposits of organic “muck” are believed to underlie the fill materials in the area along the wharf where old piers and bulkheads were removed and the area filled in sometime in the early 1900s. The existing wharf was constructed in this area (Philips & Worthington, 1919 and 1925).

2.2 Site History

Based on information provided by Mr. Joseph Goodwin and Mr. Lael Paulson, previous reports and Sanborn Fire Insurance maps, the site has been developed as a sugar refinery since approximately the 1850s. The refinery was operated as the Brooklyn Sugar Refining Company circa 1887, and as the American Sugar Refining Company, Havemeyer and Elder Plant from at least 1904 to about the 1970s. The plant was then operated as Amstar Corporation, Amstar Sugar Corporation, and finally Domino Sugar Corporation. In 1988, Domino Sugar Corporation became a subsidiary of Tate & Lyle PLC and the refinery’s name was changed to Tate & Lyle North American Sugar Inc., which produces products under the Domino Sugar brand name. According to site personnel, operations at the site consisted of the refining of raw cane sugar for most of the plant’s history. In June of 1999 the facility ceased raw sugar refining, and instead began receiving partially processed raw sugar liquor from an affiliate facility. Raw sugar refining operations ceased in September 1999.

A summary of the information used to construct the property’s history is listed below:

- The 1887 Sanborn Fiber Insurance maps depict Brooklyn Sugar Refining Company as operating at the site, together with Scranton Coal Company’s Coal

Phase I Assessment

yard located in the northernmost section of the site between Grand Street and South First Street. Peoples Ferry Company, Nassau Ferry Company, and Haroy, Vorhees & Co. Lumber Yard are located to the north of the site. The area east of the site is developed with various businesses including a paint works, whiting factory, and stamping company.

- The 1904 Sanborn maps depict American Sugar Refining Company, Havemeyer and Elder Plan (ASRC) as operating at the site. A receiving pier and storage shed is located in the East River at the end of South Third Street, storage tanks are depicted in the northern section of the site.
- On the 1918 Sanborn Map, the storage tanks formerly located in the northern section of the site are no longer depicted. The American Sugar Refining Company also has expanded to the east of Kent Avenue (to the area now occupied by the vacant office and garage area at the site), and storage tanks are depicted between South Third and South Fourth Street. The area surrounding the site remains primarily industrial, including several chemical companies, a cotton mill, a candy factory, and a foundry.
- The site and vicinity appear generally unchanged on the 1935, and 1947 Sanborn Maps, except the Charles Pfizer & Company, Inc., is depicted across Grand Street to the north of the site on the 1947 map. Three aboveground tanks are depicted at the Pfizer facility, including one 2 million and one 3 million gallon molasses tank and one 100,000 gallon sulphur tank. These tanks at the Pfizer facility are also apparent on the 1954 aerial photograph (scale: 1" = 750'). The site building layout

Phase I Assessment

appears much as it does today on the 1954 photograph, and a ship is moored adjacent to the raw sugar warehouse at the site.

- The site appears generally unchanged on the 1965 Sanborn map and on the 1966 and 1975 (both 1" = 750') aerial photographs, except that the fuel oil USTs at the site area depicted on the 1965 map.
- On the 1979 Sanborn maps, the Amstar Corporation is depicted as occupying the site. Surrounding businesses depicted on the 1979 maps include Charles Pfizer, electroplating, wholesale meats, and bottling works.
- The site appears much as it does today on the 1984 and 1994 aerial photographs and on the 1989 sanborn maps.

Review of historical aerial photographs and sanborn maps did not reveal any evidence of waste disposal activities or significant spills or releases associated with the site or adjacent properties.

2.3 Description of Past Operations

Tate & Lyle operated a sugar refinery at the facility up until January of 2004. Products included granulated and powdered white sugar, brown sugar (or "soft sugar"), specialty co-crystallized sugars, and liquid sugar. According to site personnel, the facility's Standard Industrial Classification (SIC) code is 2062 (Refineries, Cane Sugar). Approximately 163 hours and 65 salaried people were employed full time at the site; operations were conducted during three 8-hour shifts five days per week. Site personnel reported that the facility manufactured approximately 3.5 million pounds of sugar products per day.

Phase I Assessment

The facility received partially-processed sugar liquor ("A liquor") from an affiliate facility via a 2.6 million gallon barge. Sugar liquor received by barge was off-loaded to a smaller temporary storage barge, ASTs, or directly to the process. The A liquor was concentrated by evaporation and fed to eight vacuum pans, where crystallization took place. Finely ground "seed" crystals were introduced to the pans, and sugar was then crystallized by boiling under vacuum. Centrifugal machines spun off any remaining syrup (which was recycled back into the process) and the sugar crystals were washed with fresh filtered hot water and conveyed to large rotary dryers, where the moisture content was reduced to about 0.03%. A portion of the crystallized sugar was separated prior to the drying step, remelted, filtered and decolorized to produce a liquid sugar product. The dried granulated sugar was passed over screens to separate the various sized sugar crystals and stored in large bins ready to be transported to the packaging operations. A portion of the crystallized sugar was fed to powder mills for production of powdered sugar. Products were packaged in various packets, bags, and boxes ranging from individual sugar packets to 100-lb bags or shipped bulk via tanker truck.

The primary materials used on site included sugar liquor, processing aids such as diatomaceous earth, decolorizing resin, and pH adjustment chemicals (sodium hydroxide, hydrated lime, muriatic acid, citric acid) and ingredients/additives such as maltodextrin, cornstarch, and cinnamon. Various hydraulic and lubricating oils were also used at the site. Process vessels and tank trucks were cleaned primarily with hot water and steam, although sodium citrate was used to descale the vacuum pans.

There are currently no operations conducted at the site.

3.0 Regulatory Agency Contact

The following governmental agencies were contacted with respect to reports of any recognized environmental conditions that have been reported/identified at the property.

3.1 New York City Health Department

EHI filed a freedom of information request for information on the subject property on May 17, 2004. Upon arrival, EHI will distribute any information to the appropriate parties.

3.2 New York City Department of Environmental Protection

EHI filed a freedom of information on the subject property on May 17, 2004. Upon arrival, EHI will distribute any information to the appropriate parties.

3.3 New York City Fire Department

A New York City Fire Department (NYCFD) records search request was undertaken to identify any present or past buried motor vehicle fuel tanks. The review did not uncover any record on existing or removed tanks on the site.

3.4 New York City Department of Environmental Conservation

A freedom of information inquiry was made to the New York State Department of Environmental Conservation (NYS DEC) on June 2, 2004, the DEC informed EHI that records concerning the property were available for review. On June 15, 2004, EHI visited the DEC offices located in Long Island City, New York.

The existing records dealt with operating permits for the facility including Title V air permits and SPDES pert No. NY000843 for discharge of non contact cooling water directly to the East River.

4.0 Review of Regulatory Agency Records

The following governmental database systems were reviewed with respect to recognized environmental conditions that have been reported/identified at, or in the vicinity of the property. The database search was performed by Environmental Data Resources, Inc. (EDR) of Southport, Connecticut at the request of EHI. The records search performed by EDR was consistent with ASTM E1527-00. Please refer to the area map located in Appendix V for the details regarding the search area.

The Domino Sugar property was listed on the following databases:

- A. SPILLS: Data collected on spills reported to the NYS DEC as required by one or more of the following; Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS Regs.), on NYCRR Section 595.2 (from CBS Regs.). It includes spills active as of April 1, 1986, as well as spills occurring since that date:
1. On June 9, 1992, approximately five gallons of hydraulic oil was spilled. Speedy dry was applied and the material disposed of.
 2. On May 12, 2000, during the installation of a new storage tank, black colored soils were discovered. A DEC Inspector inspected the site and determined that the soil was not contaminated.
 3. On January 24, 1992, approximately 100 gallons of #6 fuel oil was reported spilled. Employees applied sorbent pads. Petro tank cleaners completed the cleanup.
 4. On April 9, 1996, a discharge was noted as a "white nasty sludge" coming from valve waste pipe from building.

Phase I Assessment

5. On January 24, 1995, approximately 50 gallons of #6 fuel oil was released. It was believed to be a result of a leaking flange gasket. The leak was contained.
 6. On January 2, 1999, 126 gallons of #6 fuel oil was reported spilled. Three barrels of materials were deposited into a trench due to line failure. Some material may have entered the East River.
- B. ERNS - Emergency Response Notification System: ERNS records and stores information on reported releases of oil and hazardous substances. The site is listed on the ERNS database two times. It assumed that these incidents correspond to the SPILLS incidents cited above.
- C. CBS - AST - Chemical Bulk Storage database: CBS - AST identifies facilities that store regulated hazardous substances in above ground tanks with capacities of 185 gallons or greater. A tank is registered for the storage of sodium hydroxide. The capacity of the tank is 560 gallons.
- D. MOSF - UST : Major Oil Storage Facilities database identifies facilities that have petroleum storage capacities of 400,000 gallons or more.

State

Solid Waste Facilities/Landfill Sites

There are six SWF/LS sites located within ½ mile of the site. These sites do not appear to have adversely impacted the site.

Registered Underground Storage Tank

A review of the UST List as provided by EDR and dated January 2, 2002 has revealed that there are seven underground storage tank sites within the search area.

Phase I Assessment

Registered Aboveground Storage Tanks (MOSF-AST)

There is one registered AST located within the search area, located at 214 Kent Avenue.

EHI does not believe that the AST represents any negative impact to the site.

Leaking Underground Storage Tanks

A review of the L tanks list is provided by EDR and dated February 10, 2004, has revealed that there are fifteen L tank sites within the search area. It does not appear that the sites have impacted the property.

State Hazardous Waste Site (SHWS)

There are no SHWS sites located within the search area.

New York Spills Information

A review of the New York Spills list as provided by EDR, has revealed that there are ten NY spills sites within the search area.

EHI does not believe that any of the spill incidents have adversely impacted the property.

Federal

National Priority List for Superfund Sites (NPL)

No NPL sites were found within the search area.

National Priority List Deletions

No reported incidents within the search area.

Comprehensive Environmental Response, Compensation and Liability Information System

(CERCLIS)

No CERCLIS sites were found within the search area.

Phase I Assessment

Comprehensive Environmental Response, Compensation and Liability Information System

(CERCLIS) NFRAP Sites

No reported incidents within the search area.

Corrective Action Reports (CORRACTS)

There is one CORRACTS site within the search. The site is Radiac Research located at 33 South First Street.

Resource Conservation and Recovery Information System (RCRIS), Treatment, Storage or Disposal Facility (TSDF)

There is one RCRIS-TSDF site located within the search area. The site is Radiac Research located at 33 South First Street.

RCRIS - Large Quantity Generators (LQG)

A review of the RCRIS large quantity generator list as provided by EDR and dated March 9, 2004 has revealed that there are two RCRIS - LQG sites within the search area, these are:

1. Chromium Plating & Polishing - 373 Wythe Avenue
2. NY DOT - Williamsburg Bridge

Emergency Response Notification System (ERNS)

No reported incident on the searched area, other than those identified for the target property. See Appendix V for further information.

5.0 Site Inspection - Areas of Environmental Concern

The following items were inspected during the Site inspection, conducted by EHI on April 29, 2004, May 27, 2004 and June 9, 2004, to identify any potential environmental health and safety related concerns and any indications of contamination from the use, storage, or

Phase I Assessment

disposal of hazardous or regulated materials. Adjacent properties also were visually inspected, to the extent possible, for activities that might imply the presence of contaminants.

5.1 Soils/Vegetation

The majority of the property is occupied by existing structures, paved roadways, asphalt and concrete. There is an area of surface soil and gravel observed above the existing fuel tank area. The soil was stained by oil.

5.2 Asbestos Containing Materials

According to Joseph Goodwin, a comprehensive asbestos survey was conducted at the site in approximately 1998 and identified large amounts of asbestos containing materials (ACM) present in construction and insulation materials throughout the site. In addition, asbestos abatement activities have been ongoing since the 1980s at the Brooklyn facility.

A report generated by Precision Environmental attempts to quantify the asbestos materials on a building by building basis. This survey is not sufficient to develop a scope of work for the complete removal of the asbestos materials.

5.3 Polychlorinated Biphenyls (PCB's)

According to Mr. Goodwin, a facility wide PCB survey was conducted in the mid 1990s and no PCB containing equipment was identified. Documentation of the PCB survey was not available for review. Facility personnel reported that there have been no incidents of PCB releases at the facility. It is likely that a number of fluorescent light fixtures contain ballasts which contain PCB's.

5.4 Underground Storage Tanks (USTs)

According to Mr. Goodwin, there are two USTs currently located at the site. The USTs consist of one 77' by 77' by 10' steel structure divided into two, 200,754 gallon compartments. The USTs were installed in about 1953 and were used for storage of #6 fuel oil used as backup fuel for the site boilers. Facilities in New York State that have the capacity to store greater than 400,000 gallons of petroleum products are designated as Major Oil Storage Facilities (MOSF). MOSF requirements including obtaining a permit and conducting on site ground water monitoring. The Brooklyn facility maintained a MOSF permit (#2-2440) and had conducted annual ground water monitoring of four on site monitoring wells since about 1991. No contamination was identified during the monitoring periods.

According to reports issued by Environ and information provided by site personnel, four USTs were formerly located at the site, including one 3,000 gallon diesel UST formerly located near the current USTs (the "dock tank"), one approximately 3,000 gallon diesel UST formerly located in the alley near the boiler/kiln stack (the "alley tank"), one 1,500 gallon tank of unknown contents formerly located in the vicinity of one of the diesel USTs, and one approximately 1,000 gallon gasoline tank formerly located in the former truck fueling area located along Kent Avenue between South First Street and South Second Street.

5.5 Above Ground Storage Tanks (ASTs)

The facility currently maintains seventeen ASTs, including one 274 gallon diesel AST located near the barge unloading area, two approximately 275 gallon waste oil tanks located in the alley between the boiler house and the filter house, and fourteen syrup tanks located in the syrup loading area in the central portion of the site near the River. The syrup tanks include six

Phase I Assessment

70,000 gallon ASTs used to store “A liquor” (three tanks), hot water, and refined liquid sugar (two tanks), and eight 17,000 gallon ASTs used primarily for storage of work-in-process. All of the tanks appear to be in fair condition. Secondary containment is provided for the three petroleum ASTs. No significant releases have been reportedly occurred from the ASTs and not significant leaks or spills were noted in the vicinity of the ASTs during the site visit; staining was observed within the secondary containment for the waste oil tanks, but no staining was observed outside of the containment area.

According to the EDR report, the Brooklyn facility is listed on the Chemical Bulk Storage Aboveground Storage Tank (CBS AST) database as having a 560 gallon AST for storage of sodium hydroxide. Facility personnel reported that no such tank currently exists at the site, and were unaware of a previous sodium hydroxide AST. Sodium hydroxide is received and stored at the site in approximately 30 gallon carboys.

In addition, two ASTs with a total working volume of 2.5 million gallons for storage of “A liquor” received from the Baltimore facility exist at the site, located east of the former Raw Sugar Warehouse.

5.6 Hazardous Waste Management

Based on Environ’s report, hazardous waste generated from the Brooklyn facility included waste laboratory chemicals and lead paint from facility renovations. Hazardous wastes generated at the site were handled and disposed of by Onyx Environmental on an as needed basis.

5.7 Nonhazardous Waste Management

Nonhazardous wastes generated by the facility include general plant refuse, waste oils, oily rags and absorbent pads, and cardboard and paper. General plant refuse was collected in an

Phase I Assessment

onsite trash compactor and hauled off site by BFI. Waste oil, oily rags and absorbent pads were removed from the site by Eco Clean. Waste cardboard and paper was bundled and recycled by American Independent Paper.

5.8 Wastewater Discharges

Wastewater discharges associated with past operations include sanitary wastewater, process equipment and tanker truck wash water, and non contact cooling water. Sanitary wastewater and process equipment and tanker truck wash water are discharged directly to the municipal sewer system under a City of New York Department of Environmental Protection (NYC DEP) Industrial Wastewater Discharge Permit (Permit No. 99-P1411-1), under the permit, the Brooklyn facility conducted wastewater monitoring for VOCs, SVOCs, metals, cyanide, sulfate, BOD and COD on a quarterly basis, and monthly monitoring of temperature and pH. Self monitoring reports were submitted quarterly.

Floor drains located at various locations throughout the facility drain to the Site's sugar recycling system, except for certain specific locations (e.g., areas where pan descaling operations were necessary) where manual valves allow for discharge to the municipal sewer system. Therefore, the potential for an accidental release to the municipal sewer was limited.

Contact cooling water associated with the sugar crystallization process was pumped from and discharged to the East River under a New York State Pollutant Discharge Elimination System (SPDES) permit (No. NY0008443). Monitoring was required on a monthly basis for BOD, pH, temperature, and flow rate of both influent and effluent. NYS DEC conducted a SPDES compliance inspection on a quarterly basis.

5.9 Storm Water Discharges

According to facility personnel, storm water runoff from the site is collected in various catch basins located throughout the site and discharged to the municipal storm water sewer system under a NYS DEC State Pollution Discharge Elimination System (SPDES) General Permit (Permit ID NYR00B16, Permit GP-98-03).

5.10 On Site Soil and Ground Water Contamination

Based on the site's long history of industrial use, the potential for soil and groundwater impacts exist at the site. The site has not been subject to investigation, and site representatives were not aware of any on site soil or ground water contamination. EHI did not observe evidence of potential contamination (e.g., stained soil or stressed vegetation) during the site visit.

6.0 Summary of Findings/Conclusions

The following recognized environmental conditions were identified and require further action:

1. The facility is a major oil storage facility. There is a tank area with a capacity over 400,000 gallons. There is visible staining of soil in the tank farm area.

A subsurface soil investigation should be conducted in the vicinity of the tank farm.

2. A tanker truck washing station is located along South Third Avenue between the central and southern sections of the site.

A subsurface soil investigation should be conducted in the vicinity of the tank farm.

3. There is considerable asbestos insulating materials throughout the site.

An inventory of all materials should be generated and all asbestos removed prior to demolition of any structure.

Phase I Assessment

4. Radiac Research, a treatment storage and disposal facility for hazardous waste is located on the northeast corner adjacent to the property.

A limited subsurface investigation should be conducted in the area proximate to the Radiac operation prior to the zone adjustment application.

5. The historic fill used at the site may contain contaminants in excess fo NYS DEC Guidelines in localized areas of the site.

A subsurface investigation of the entire site should be conducted as part of the application process for zone adjustment.

Phase I Assessment

The following qualifications apply to the writer's opinion: No test pits or borings were made, nor were observation or monitoring wells installed as part of this evaluation. No soil, water, waste, or air samples were taken, nor were chemical or other analyses performed as part of this evaluation except as noted. EHI believes that the opinions' presented herein have been developed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional opinions included in this report. The opinions expressed by EHI are based solely on references and information cited in this report.

**APPENDIX
I
Photographs**

Domino

Lot Areas

Block 2428, lot 1

area:

180' X 320' = 57,600 sf

Block 2414, lot 1

dry area, including platform:

1,319' X 320' = 422,000 sf

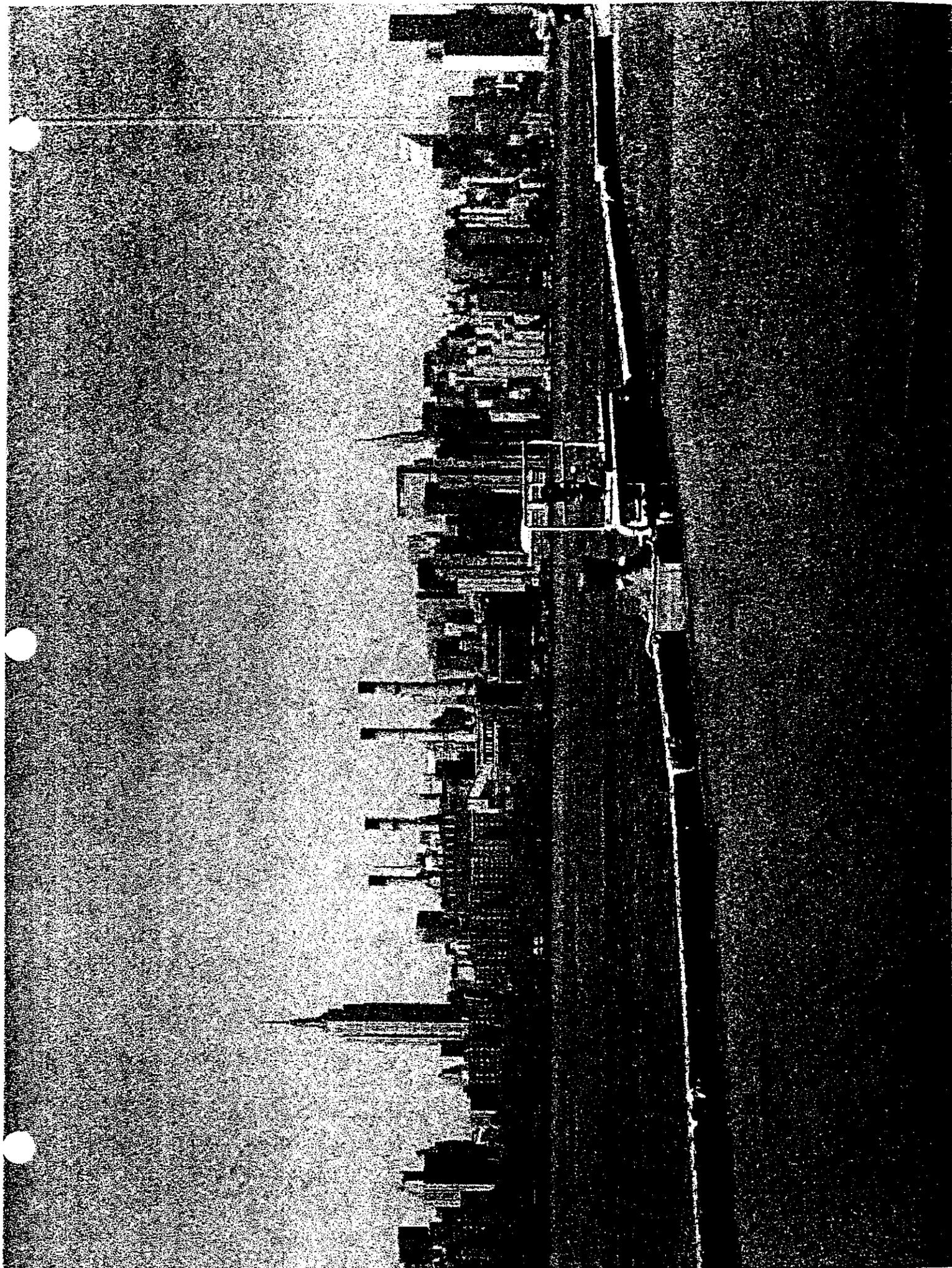
area of platform:

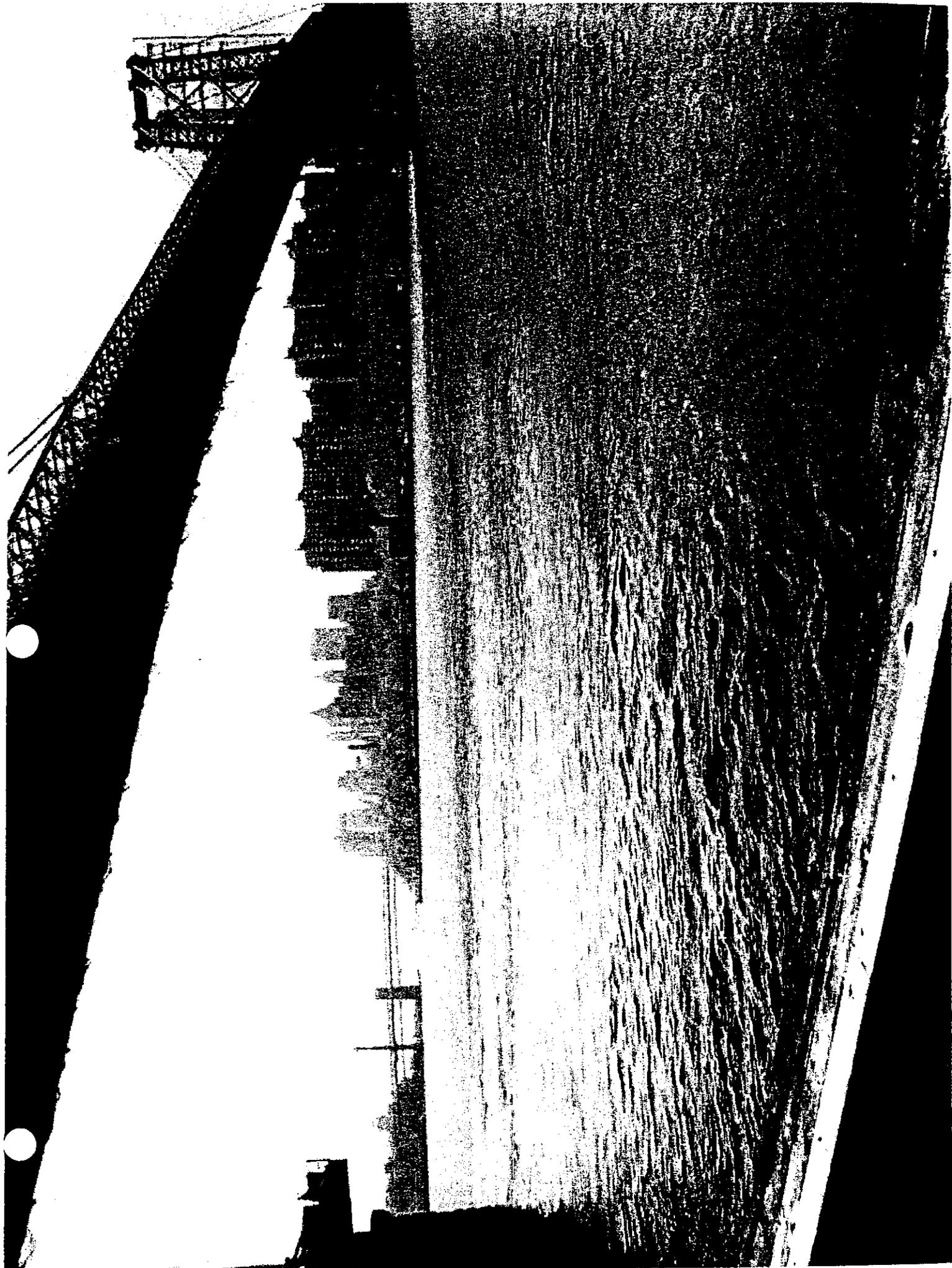
1,300' X 40' = 52,000 sf

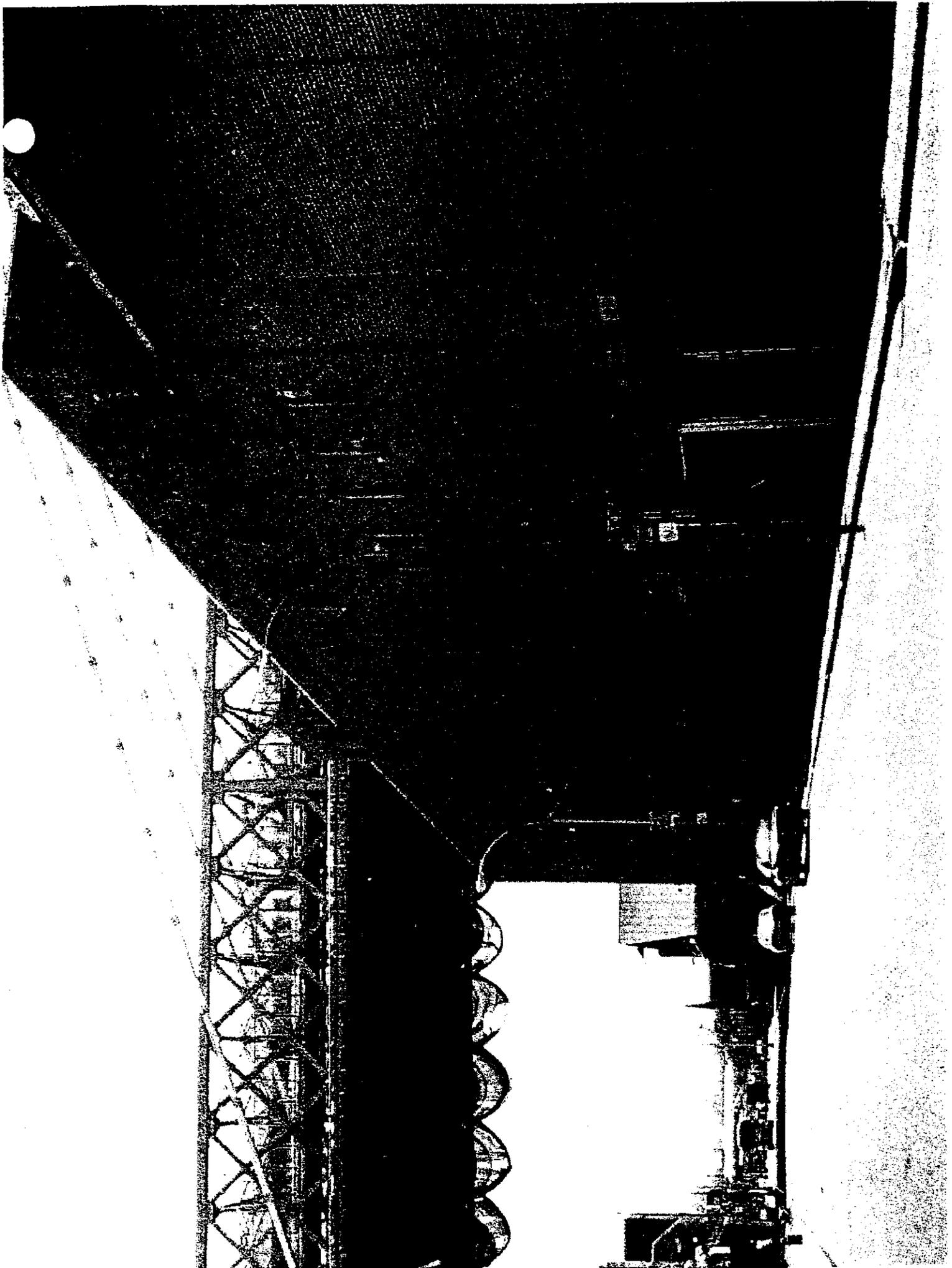
area of upland lot:

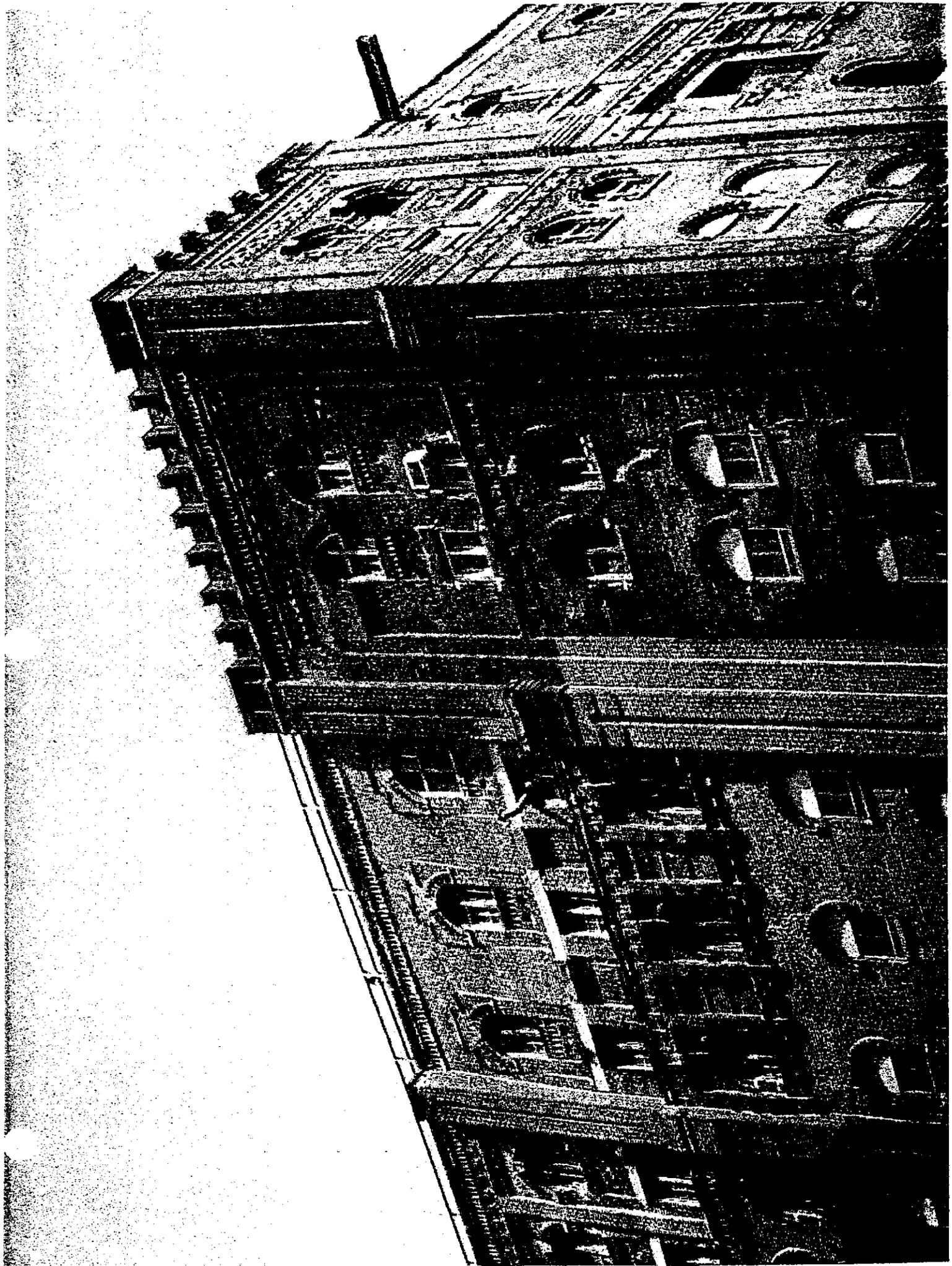
1,300' X 280' = 370,000 sf

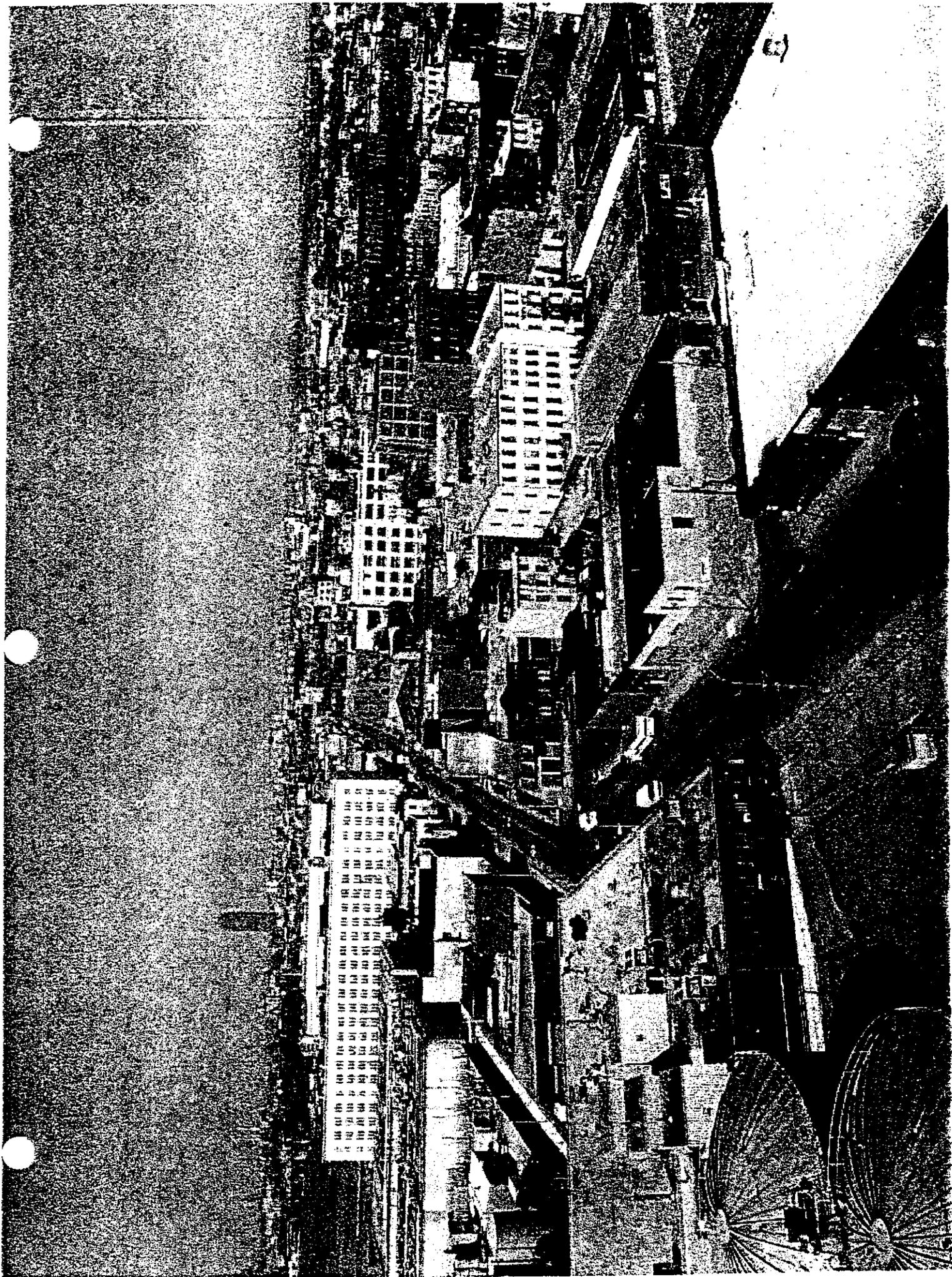












Phase I Assessment

**APPENDIX
II
Site Plan**

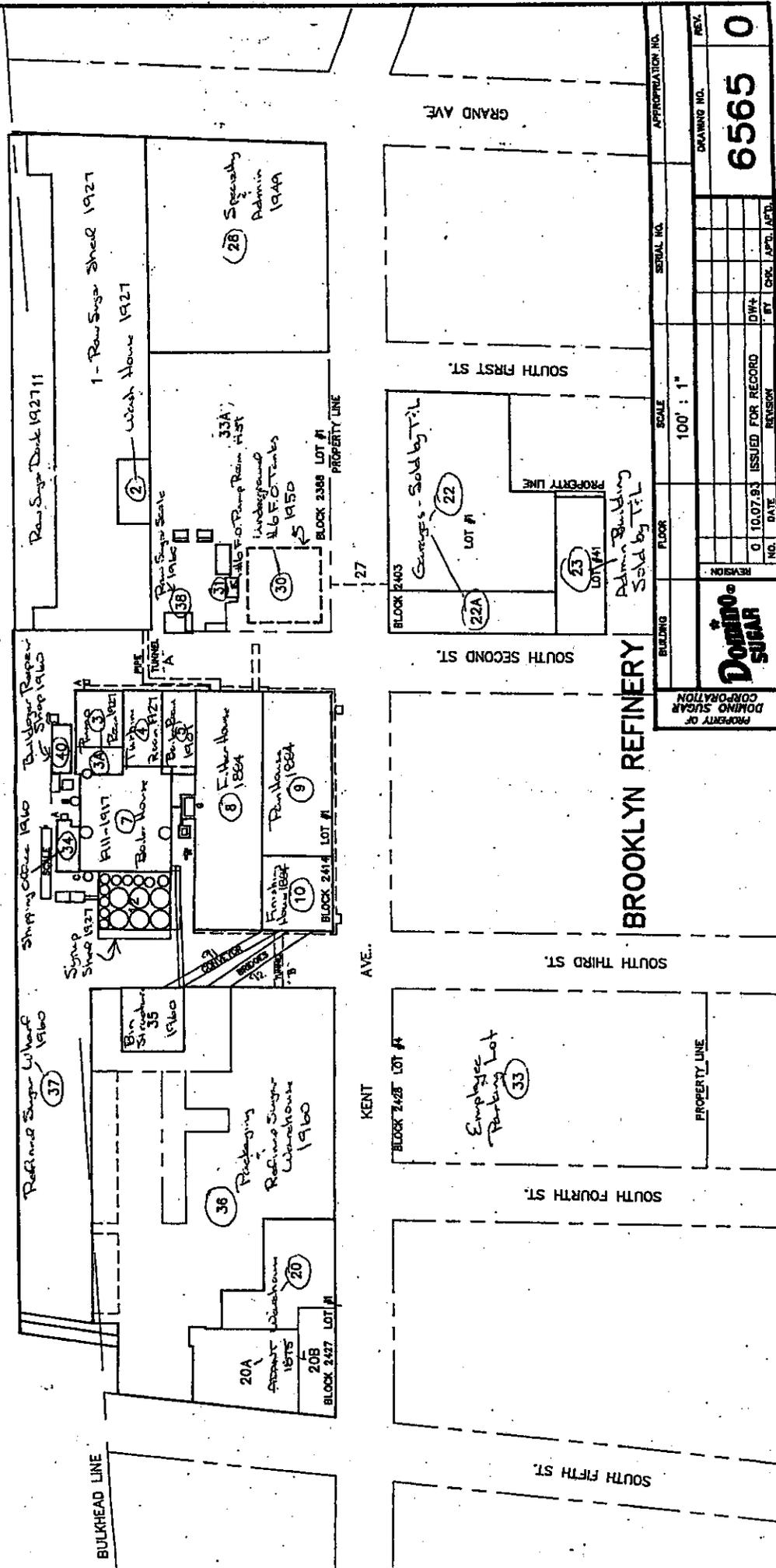
- A SANITATION PUMP STATION
- B SALT TANK
- C CORN SYRUP TANK

- 33 PARKING LOT NO. 2
- 33A PARKING LOT NO. 1
- 34 SHIPPING OFFICE
- 35 BIN STRUCTURE
- 36 WAREHOUSE & PACKAGING
- 37 REFINED-SUGAR WHARF
- 38 RAW SUGAR SCALE HOUSE
- 39 BULLDOZER REPAIR STATION
- 40

- 12 STRUP STATION
- 20 ADANT BLDG. SECT. 1
- 20A ADANT BLDG. SECT. 2
- 20B ADANT BLDG. SECT. 3
- 22 GARAGE
- 22A GARAGE
- 23 OFFICE
- 27 CONDUIT UNDER KENT AVE.
- 28 SPECIALTY SUGARS
- 29
- 30 OIL STORAGE TANK
- 31 OIL TANK PUMP HOUSE

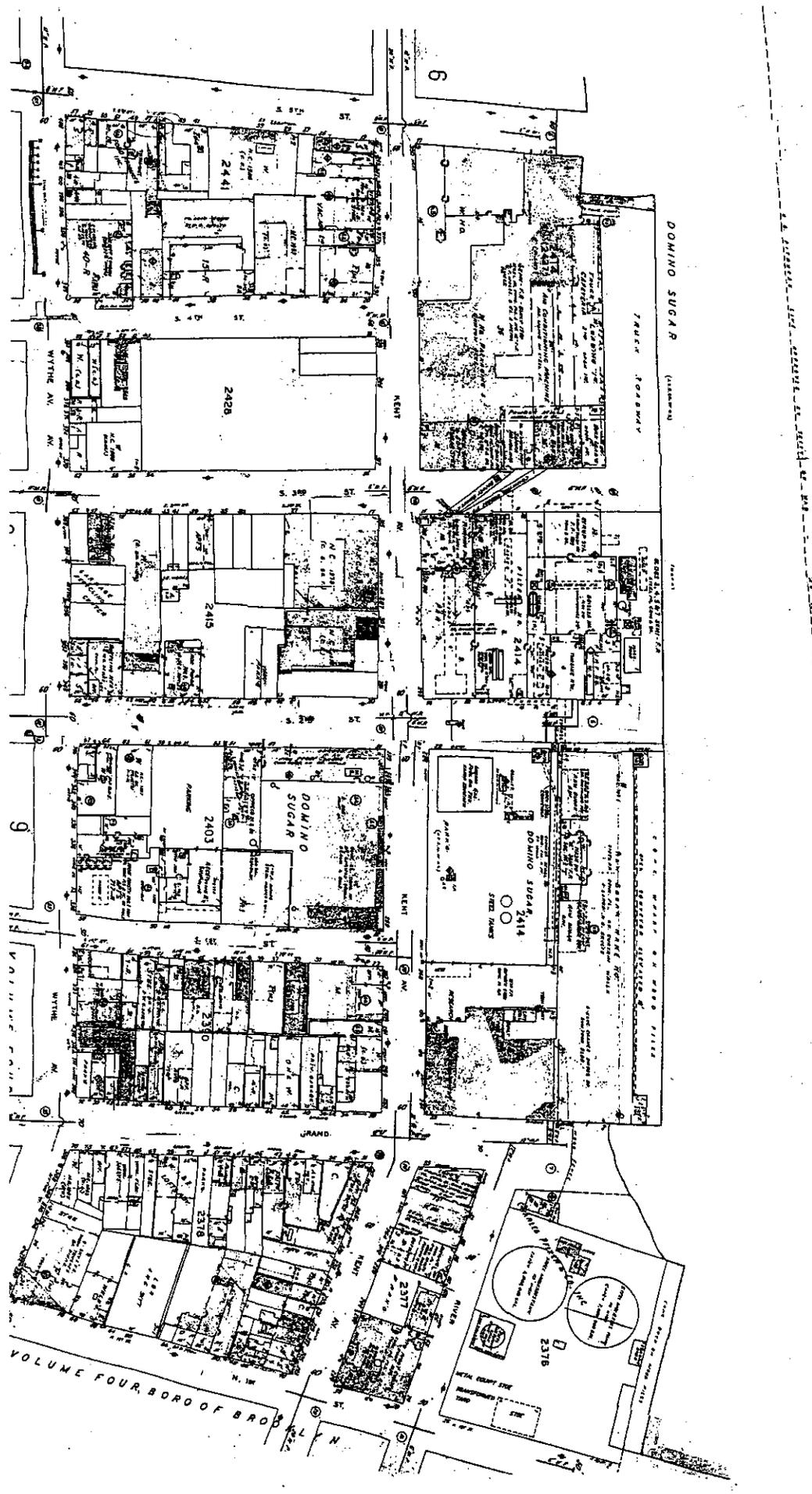
- 1 RAW SUGAR WAREHOUSE
- 2 WASH HOUSE
- 3 PUMP HOUSE
- 3A BOILER FEED WATER PUMP AND TANK SECTION
- 4 TURBINE ROOM
- 5 POWER HOUSE
- 7 BOILER HOUSE
- 8 FILTER HOUSE
- 9 PAN HOUSE
- 10 FINISHING HOUSE
- 11 RAW SUGAR WHARF

EAST RIVER

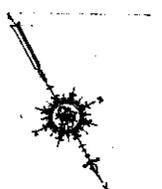


BROOKLYN REFINERY

PROPERTY OF DOMINGO SUGAR CORPORATION		DOMINGO SUGAR	
REVISION NO.	DATE	ISSUED FOR RECORD	REVISION
0	10.07.93	DWA	BT
SCALE 100' = 1"		APPROPRIATION NO.	
DRAWING NO. 6565		REV. 0	



E A S I R I V E R



E A S I R I V E R

**APPENDIX
III
City Directory Reports**



EDR™ Environmental
Data Resources Inc

The EDR-City Directory
Abstract

Domino Sugar
316 Kent Ave
Brooklyn, NY 11211

April 30, 2004

Inquiry Number: 1180432-7

**The Standard
In Environmental
Risk Management
Information**

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.

City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice."* (ASTM E 1527-00, Section 7.3.2.1, page 12.)

NAICS (North American Industry Classification System) Codes

NAICS is a unique, all-new system for classifying business establishments. Adopted in 1997 to replace the prior Standard Industry Classification (SIC) system, it is the system used by the statistical agencies of the United States. It is the first economic classification system to be constructed based on a single economic concept. To learn more about the background, the development and difference between NAICS and SIC, visit the following Census website: <http://www.census.gov/epcd/www/naicsdev.htm>.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)

with questions or comments about your report.

Thank you for your business!

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4. SUMMARY

- *City Directories:*

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2000. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 100 Feet of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources:

Target Property:

316 Kent Ave
Brooklyn, NY 11211

<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
-- 1928	Address not Listed in Research Source	N/A	New York Telephone
-- 1934	Address not Listed in Research Source	N/A	R. L. Polk & Co.
-- 1940	Address not Listed in Research Source	N/A	NEW YORK TELEPHONE
-- 1945	Address not Listed in Research Source	N/A	NEW YORK TELEPHONE
-- 1949	Address not Listed in Research Source	N/A	NEW YORK TELEPHONE
-- 1960	Address not Listed in Research Source	N/A	New York Telephone
-- 1965	Address not Listed in Research Source	N/A	New York Telephone
-- 1970	AUTOMATIC RETAILERS OF AMER (316)		New York Telephone
-- 1973	AUTOMATIC RETAILERS OF AMER (316)		New York Telephone
-- 1976	Address not Listed in Research Source	N/A	New York Telephone
-- 1985	Address not Listed in Research Source	N/A	NYNEX Information Resources Company
-- 1992	Address not Listed in Research Source	N/A	NYNEX Informantion Resource Co.
-- 1997	Address not Listed in Research Source	N/A	NYNEX
-- 2000	Address not Listed in Research Source	N/A	Cole Information Services

Adjoining Properties

SURROUNDING

Multiple Addresses
Brooklyn, NY 11211

<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1928	** S 3 Addresses ** Residence (24)		New York Telephone
1934	** S 3RD Addresses ** Residence (22) Residence (24) Residence (26)		R. L. Polk & Co.
1940	** KENT AVE Addresses ** RIVERVIEW PARKING & SVCE STA INC (321)		NEW YORK TELEPHONE

<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1945	Address not Listed in Research Source	N/A	NEW YORK TELEPHONE
1949	** S 3 Addresses ** MEYERS BAKERY (23)		NEW YORK TELEPHONE
1960	Address not Listed in Research Source	N/A	New York Telephone
1965	Address not Listed in Research Source	N/A	New York Telephone
1970	Address not Listed in Research Source	N/A	New York Telephone
1973	Address not Listed in Research Source	N/A	New York Telephone
1976	** KENT AVE Addresses ** DYBER CO (309)		New York Telephone
1985	** S 3 Addresses ** FERMIN B (28)		NYNEX Information Resources Company
1992	Address not Listed in Research Source	N/A	NYNEX Information Resource Co.
1997	Address not Listed in Research Source	N/A	NYNEX
2000	Address not Listed in Research Source	N/A	Cole Information Services

**APPENDIX
IV
Historical Topographical Maps
Sanborn Maps
Aerial Photography**



**EDR™ Environmental
Data Resources Inc**

**The EDR-Historical
Topographic Map
Report**

**Domino Sugar
264-366 Kent Ave
Brooklyn, NY 11211**

April 29, 2004

Inquiry Number: 1180432-4

**The Standard
In Environmental
Risk Management
Information**

**440 Wheelers Farms Road
Milford, Connecticut 06460**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802**

Environmental Data Resources, Inc.

Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/and use records. ASTM E 1527-00 requires "*All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful.*" (ASTM E 1527-00, Section 7.3.2 page 12.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

Topographic Maps

A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography, but not field verified, such as disturbed land areas (e.g., gravel pits) and newly developed water bodies (purple).

For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm ET)
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Thank you for your business!

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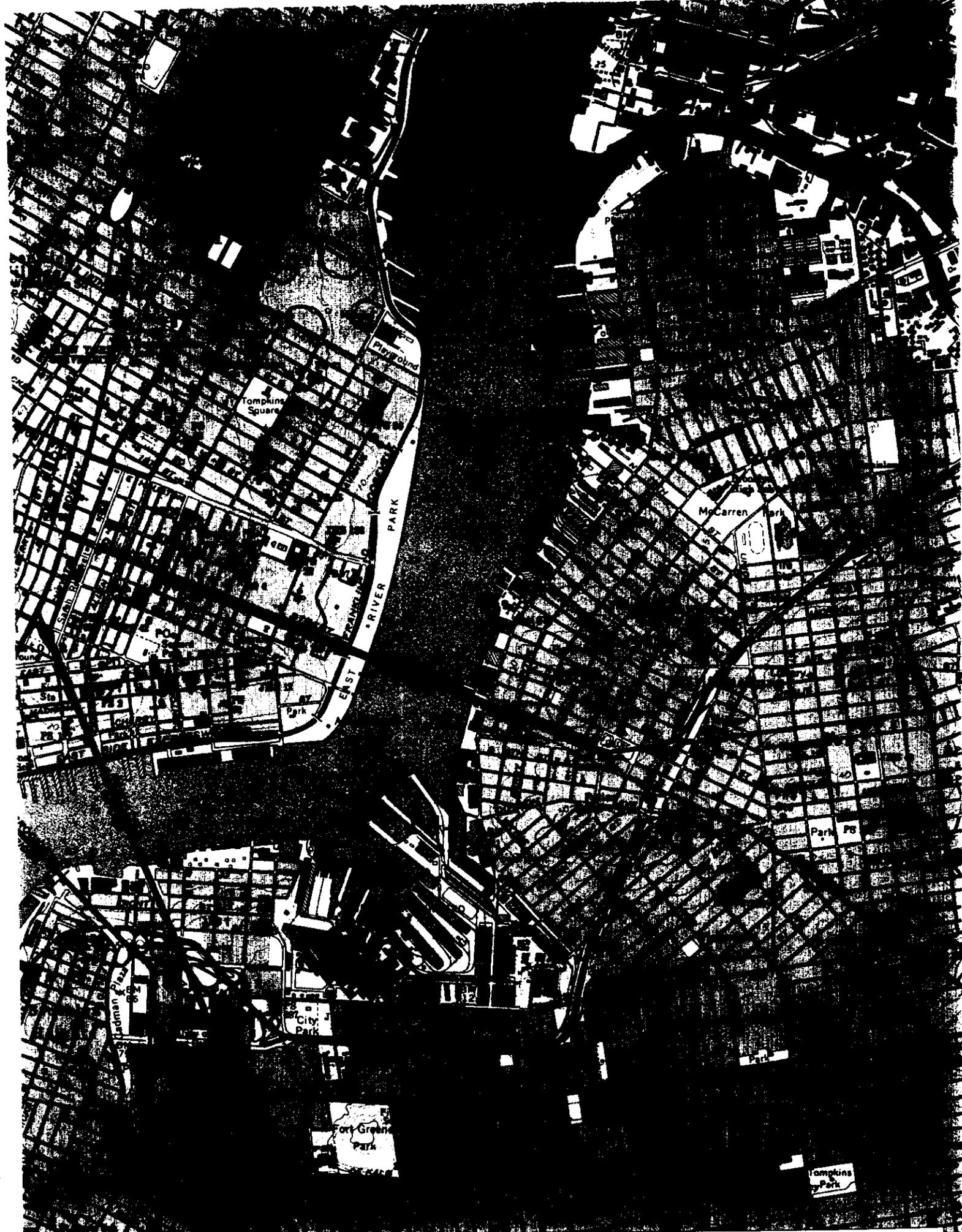
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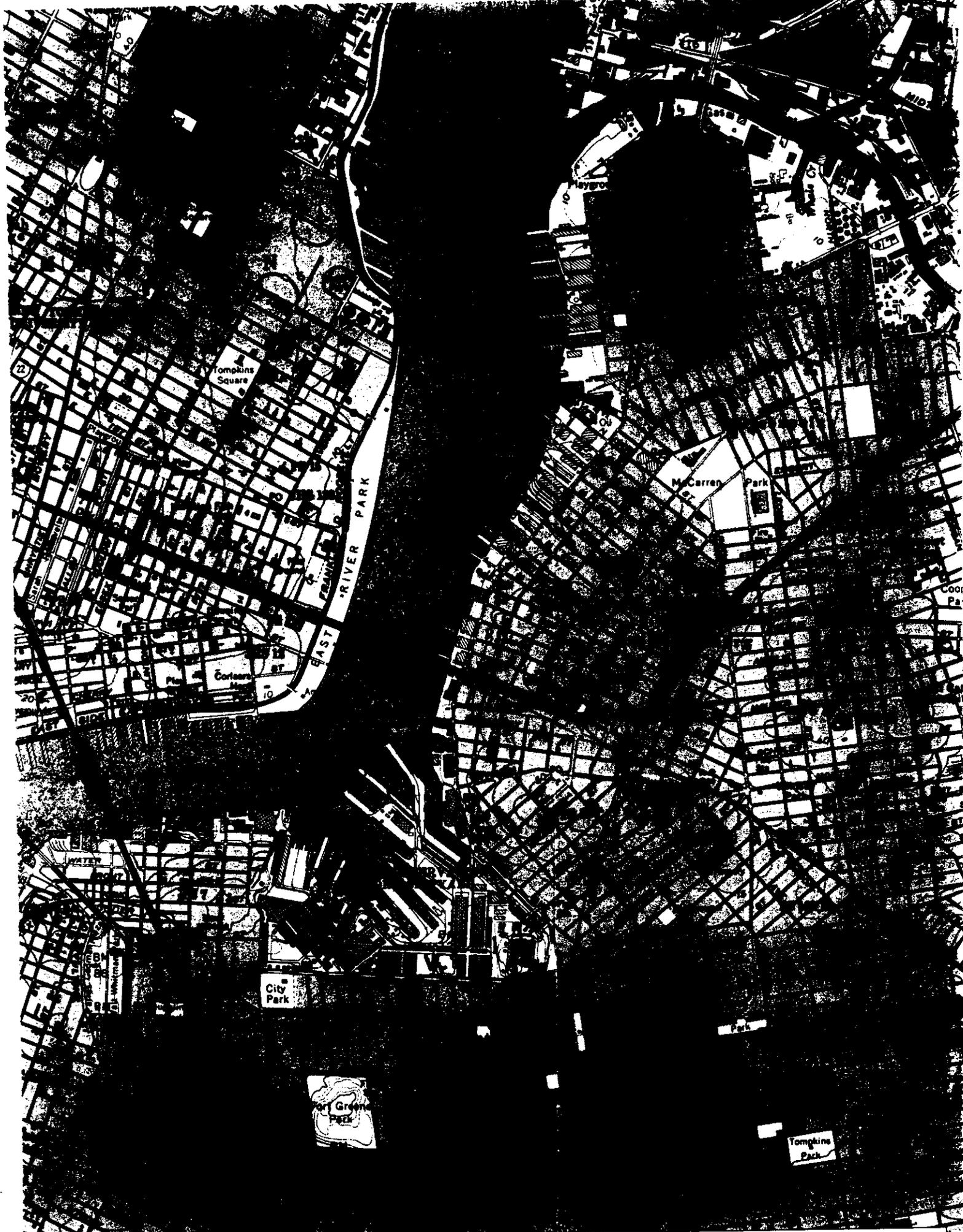
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The EDR Aerial Photo Decade Package

**Domino Sugar
264-366 Kent Ave
Brooklyn, NY 11211**

April 29, 2004

Inquiry Number: 1180432.5

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

THE EDR AERIAL PHOTO DECADE PACKAGE

Environmental Data Resources, Inc.'s (EDR) Aerial Photo Decade Package is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities.

ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM Standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.* To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12).

EDR has one of the nation's largest collections of historical aerial photography. EDR's Aerial Photo Decade Package provides digitally reproduced historical aerial photographs and includes one photo per decade, where available.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)
with questions or comments about this report.
Thank you for your business!

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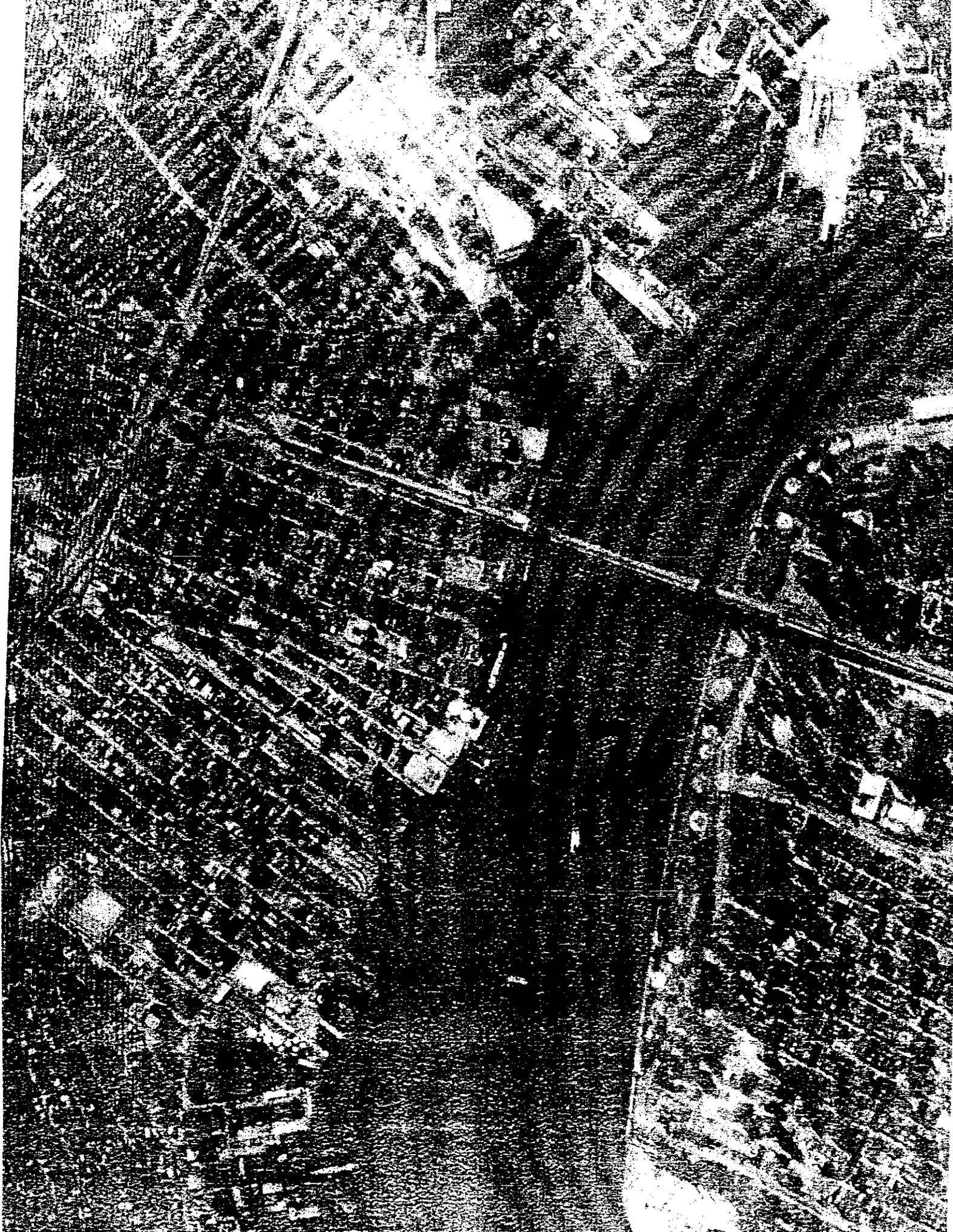
Date EDR Searched Historical Sources:
Aerial Photography April 29, 2004

Target Property:
264-366 Kent Ave
Brooklyn, NY 11211

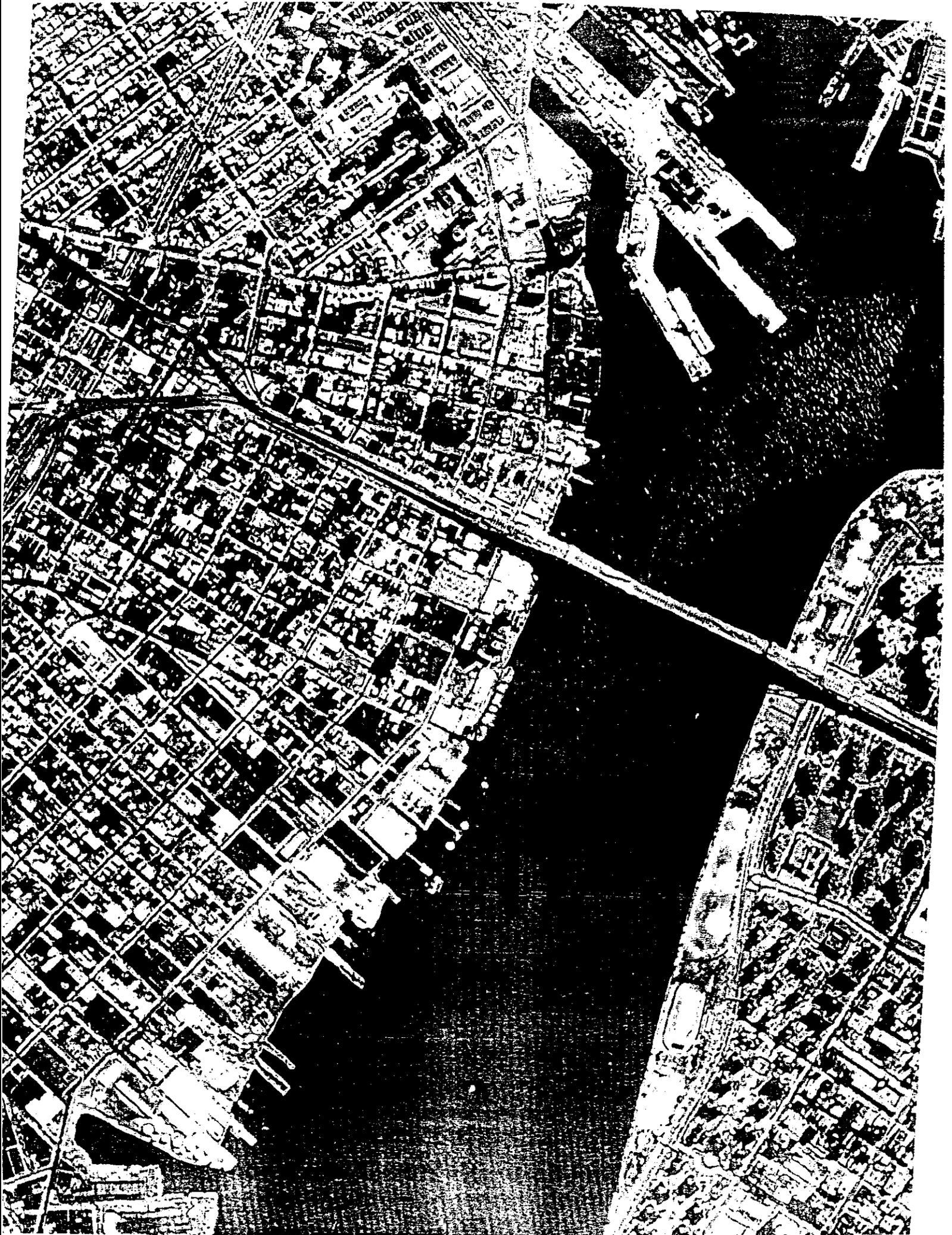
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<u>Year</u>	<u>Uses</u>	<u>(FIM Information Only)</u>	
1 1954	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/FlightDate: February 23, 1954	nar
2 1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/FlightDate: February 23, 1966	nar
3 1976	Aerial Photograph. Scale: 1"=1000'	Panel #: 2440073-F8/FlightDate: October 29, 1976	nar
4 1984	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/FlightDate: April 27, 1984	nar
5 1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-F8/FlightDate: April 4, 1994	nar













EDR™ Environmental
Data Resources Inc

"Linking Technology with Tradition"

Sanborn® Map Transmittal

Ship To: Bill Kerbel
Env. Health
655 W. Shore Trail
Sparta, NJ 07871

Order Date: 4/28/2004 **Completion Date:** 4/29/2004

Inquiry #: 1180432.3s

P.O. #: NA

Site Name: Domino Sugar

Address: 264-366 Kent Ave

City/State: Brooklyn, NY 11211

Cross Streets:

Customer Project: NA
1010524ERK 973-729-5649

Based on client-supplied information, fire insurance maps for the following years were identified

- 1887 - 4 Maps
- 1904 - 3 Maps
- 1918 - 3 Maps
- 1935 - 3 Maps
- 1950 - 3 Maps
- 1965 - 3 Maps
- 1980 - 3 Maps
- 1996 - 3 Maps

Limited Permission to Photocopy

Total Maps: 25

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Organization of Electronic Sanborn Image File

- First Page Sanborn Map Report, listing years of coverage
- Second Page Electronic Sanborn Map Images USER'S GUIDE
- Third Page Oldest Sanborn Map Image
- Last Page Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat, zoom to 250% in order to view more clearly.
 - 200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.
- Zooming in on an image:
 - On the menu bar, click "View" and then zoom.
 - Use the magnifying tool and drag a box around the TP area.

Printing a Sanborn Map from the Electronic File

- EDR recommends printing all images at 300 dpi (300 dpi prints faster than 600 dpi).
- To print only the TP area, cut and paste the area from Adobe Acrobat to your word processor.

Acrobat Version 4

- Go to the Menu bar
- Press and hold the "T" button
- Choose the Graphics Select Tool
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.



Acrobat Version 5

- Go to the Menu bar
- Click the "Graphics Select Tool"
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.



Important information about Email Delivery of Electronic

- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as 1 of 3, 2 of 3, etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

103

10386

AVENUE

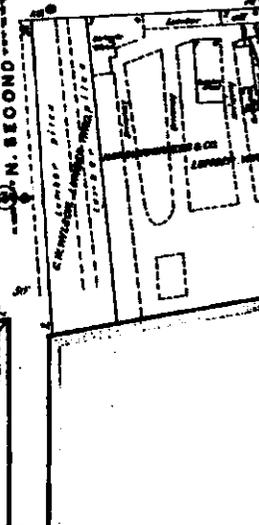
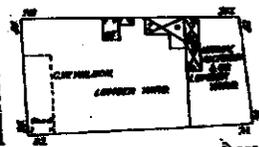
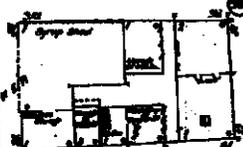
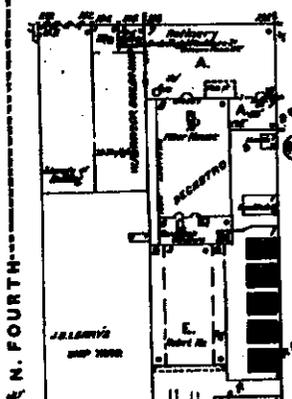
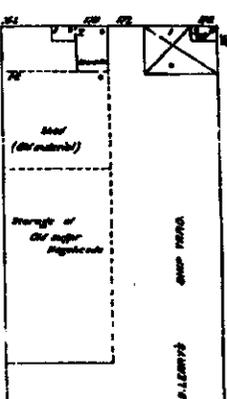
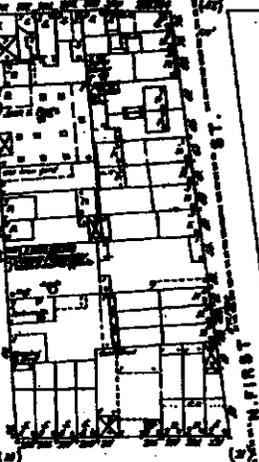
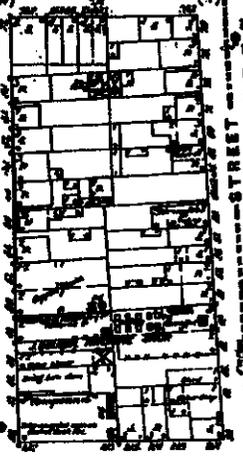
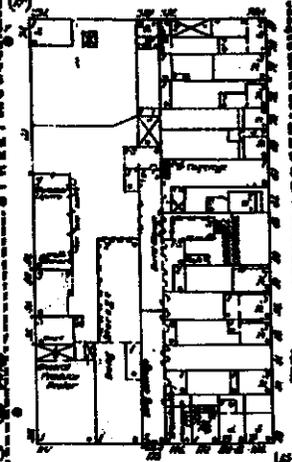
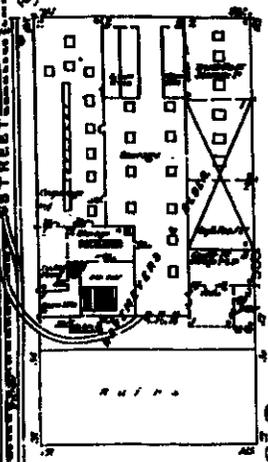
AVENUE

RIVER ST.

N. THIRD

E. FOURTH

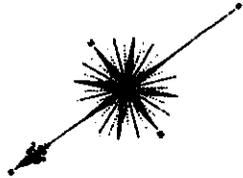
N. SECOND



Volume Three

See

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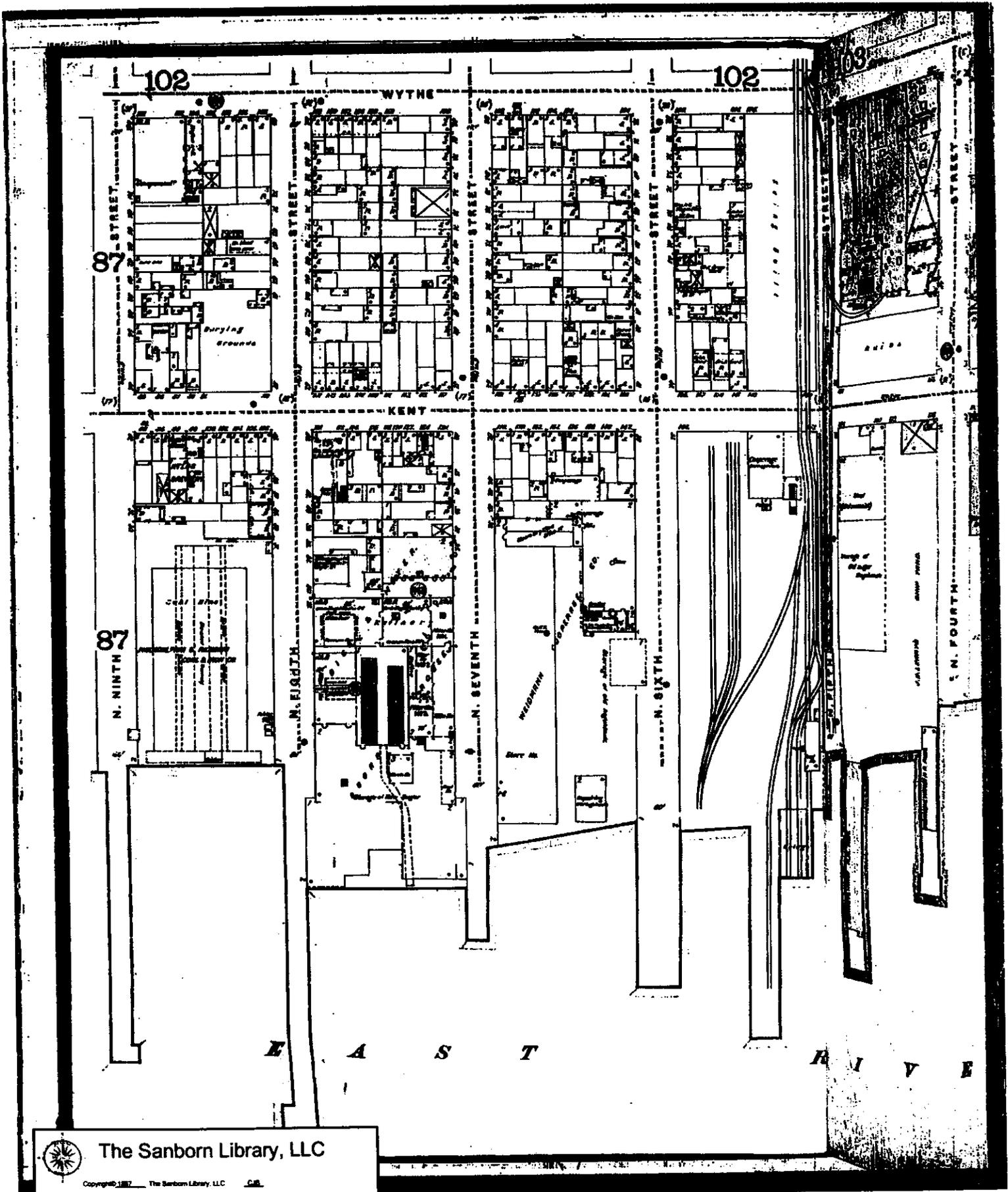
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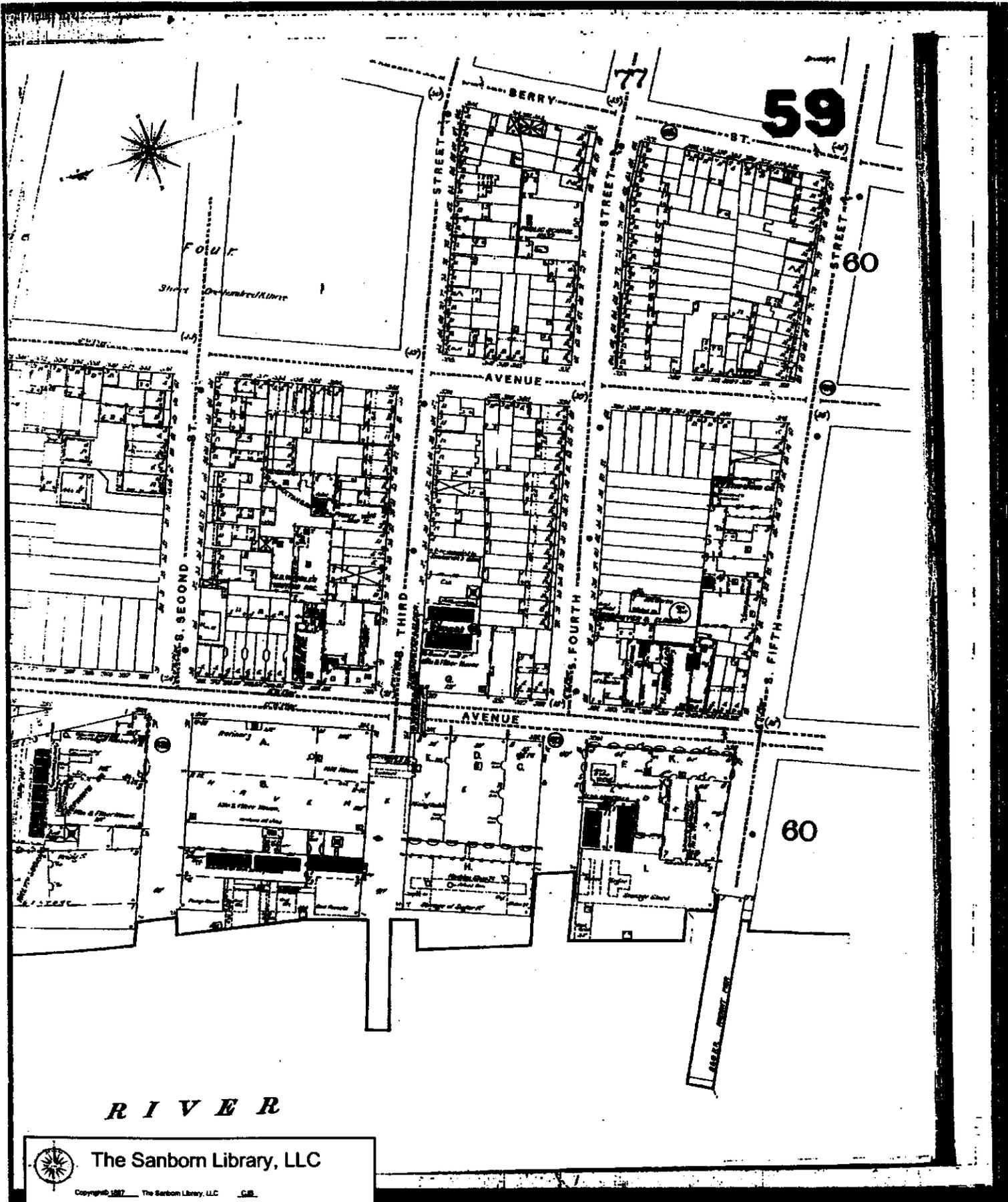
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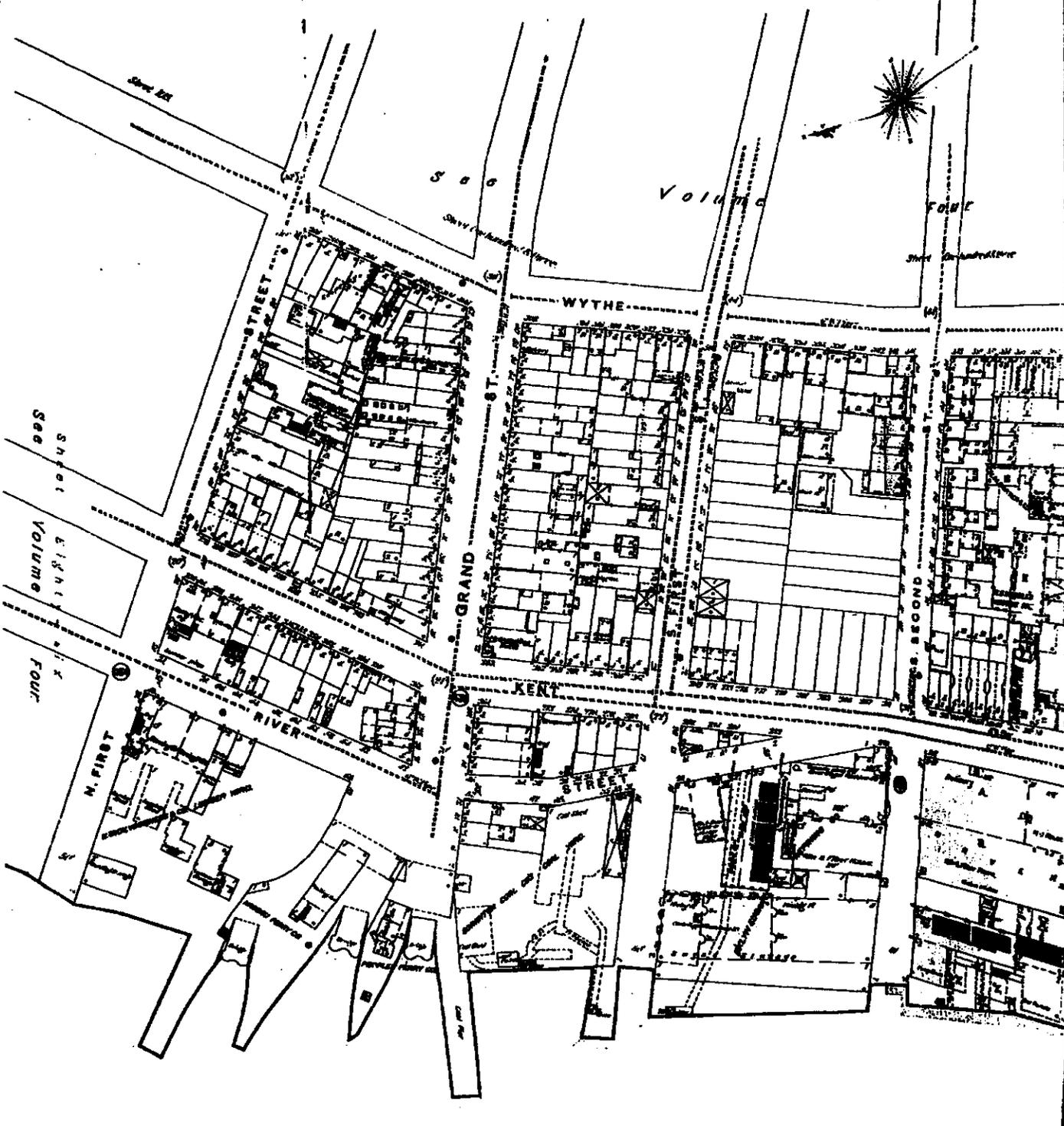
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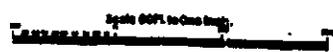


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Eight
Volume
Four



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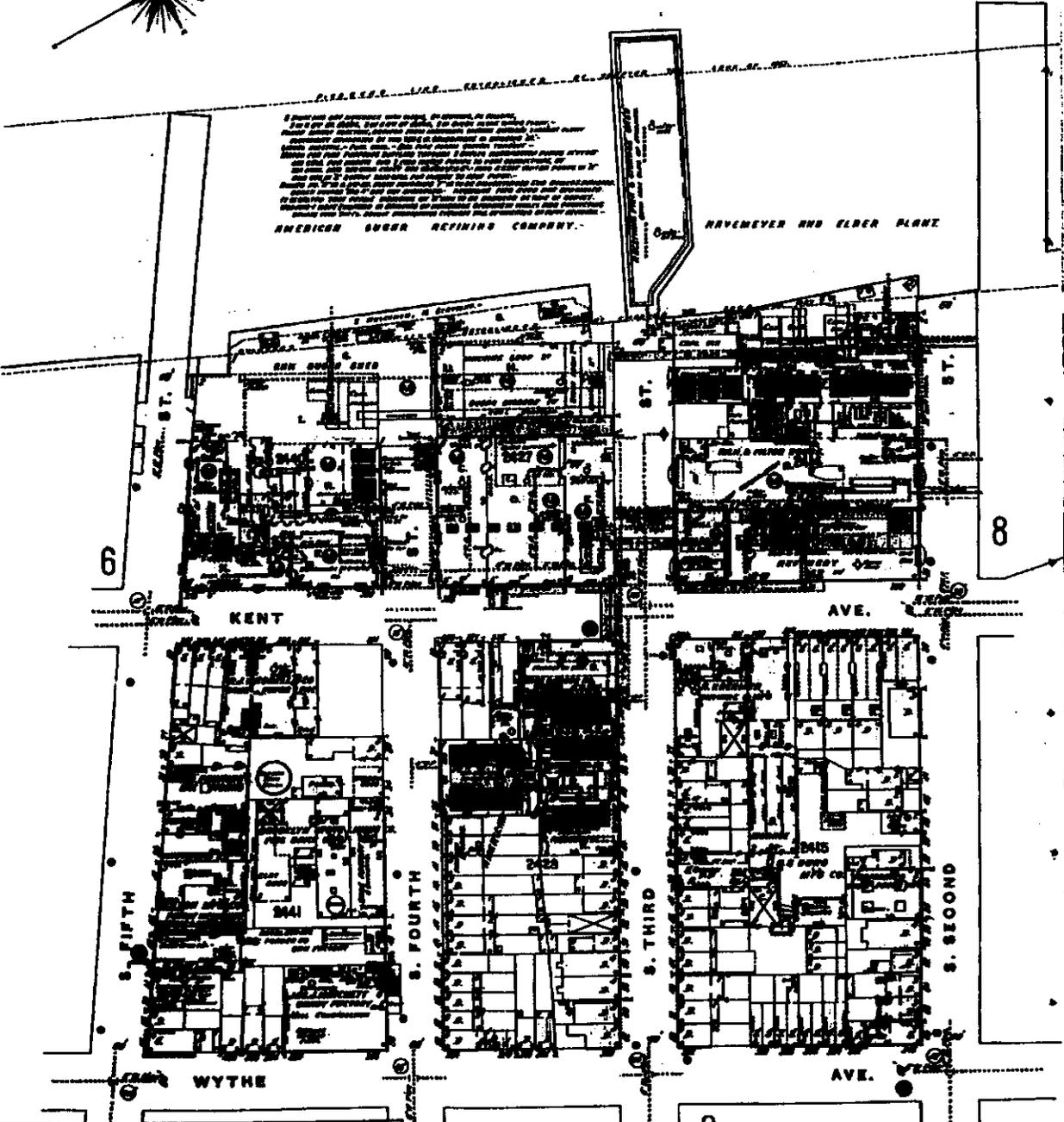
7

E R R I R I V E R



I have not examined the plans, drawings, or maps,
 and do not know whether they are correct or not.
 I have not seen the buildings, and do not know
 whether they are in accordance with the plans,
 drawings, or maps, or whether they are in
 accordance with the laws and regulations of the
 city of New York, or whether they are in
 accordance with the laws and regulations of the
 State of New York, or whether they are in
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 United States of America.
 AMERICAN SUGAR REFINING COMPANY.

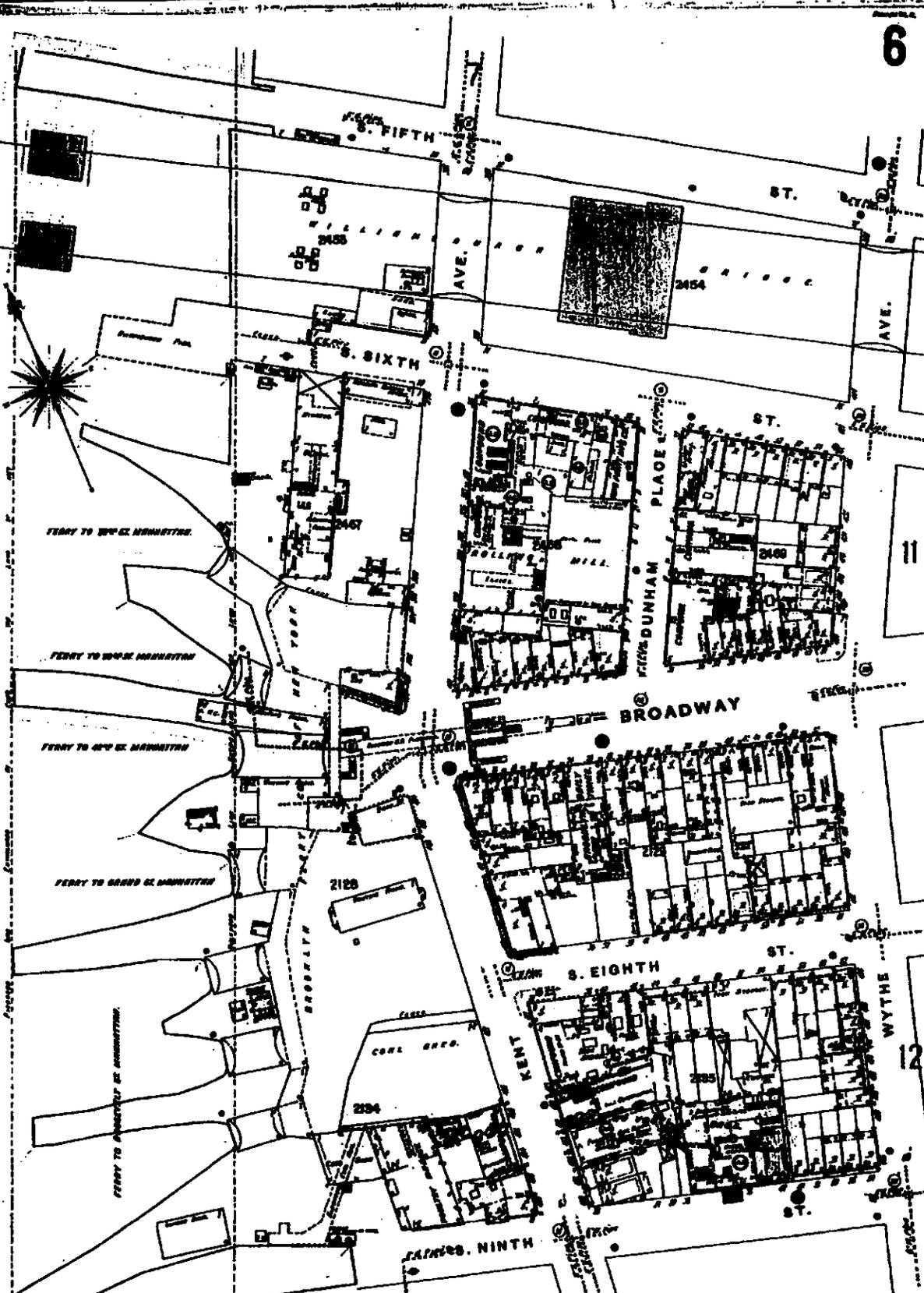
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6



5

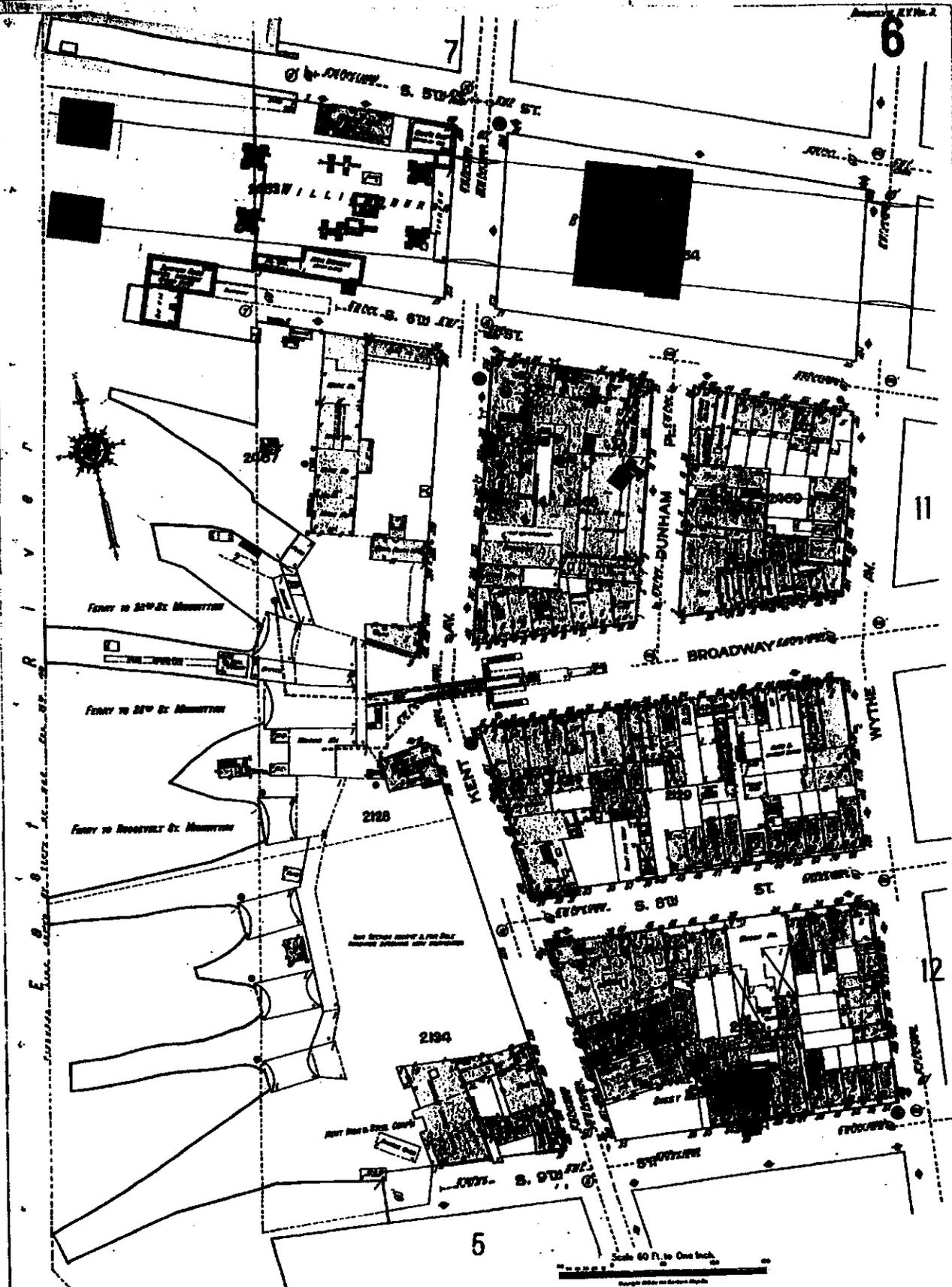
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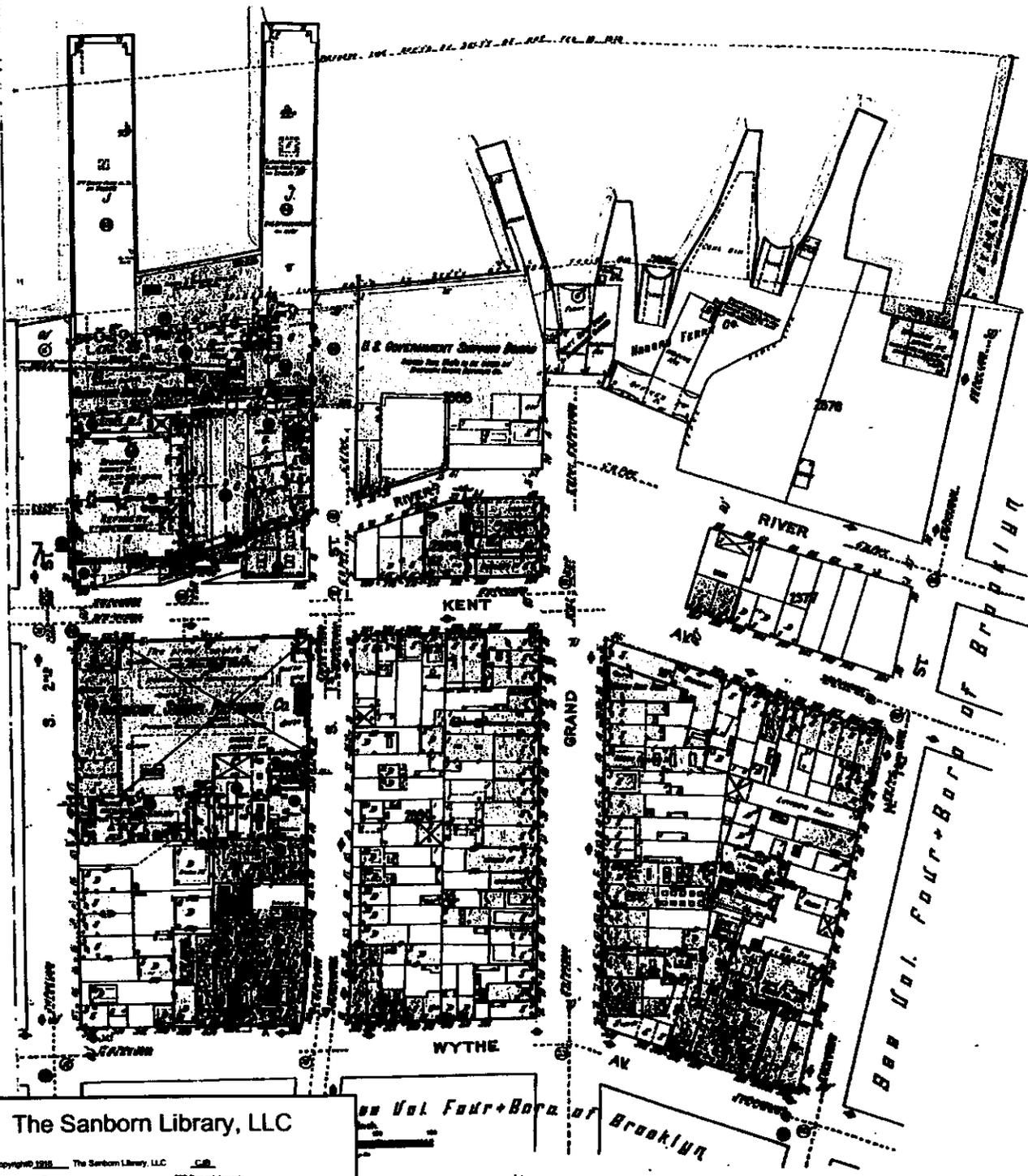
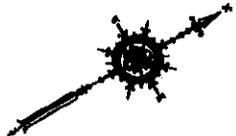


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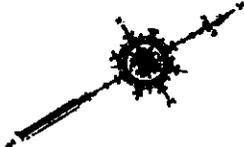
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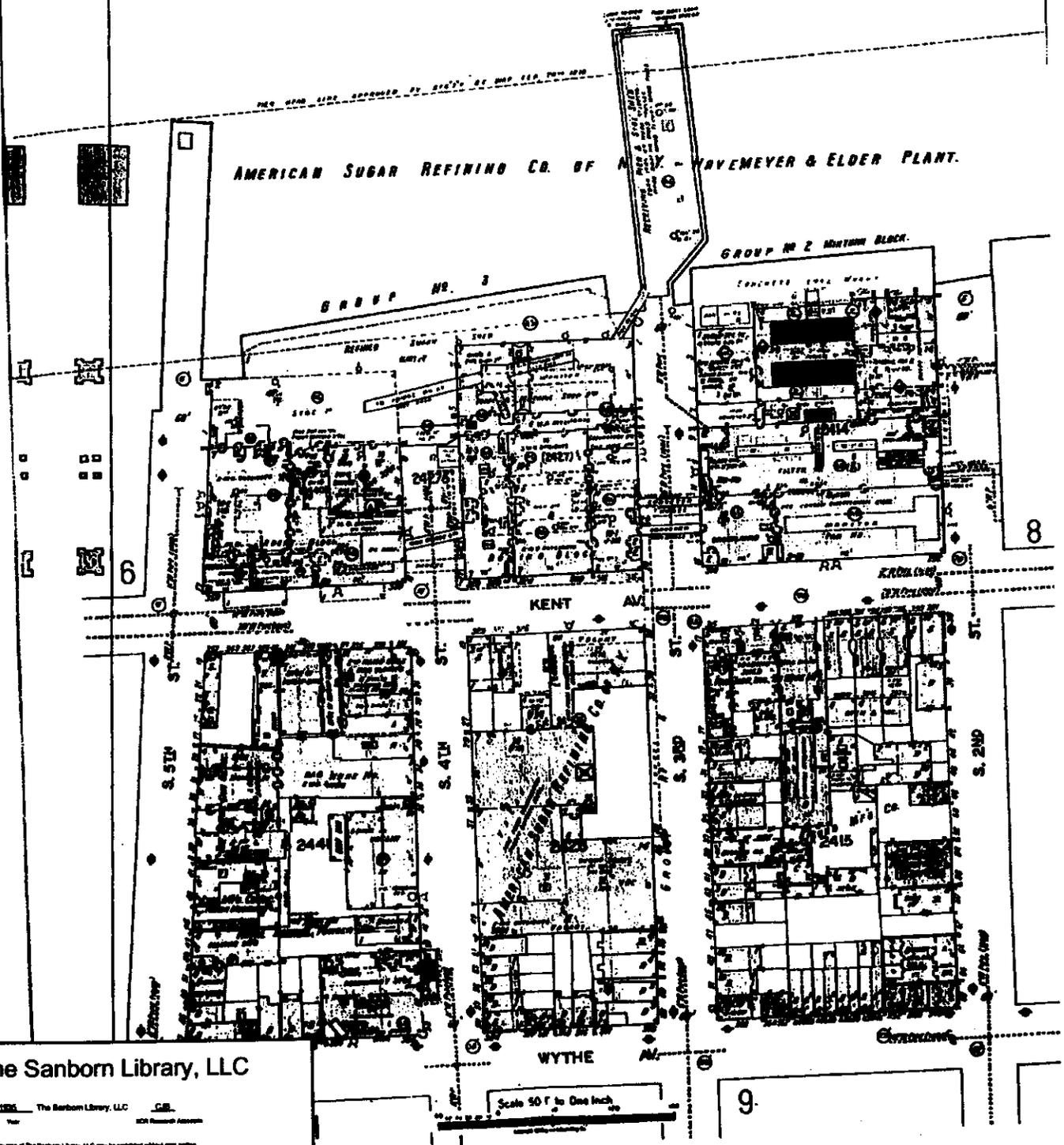
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NO. 1027

AMERICAN SUGAR REFINING CO. OF N.Y.
THIS MAP SHOWS THE LAYOUT AND PLAN OF THE AMERICAN SUGAR REFINING CO. OF N.Y. PLANT AND THE LAYOUT OF THE BUILDINGS AND STRUCTURES THEREON. THE LAYOUT OF THE BUILDINGS AND STRUCTURES THEREON IS SHOWN BY THE DOTTED LINES. THE LAYOUT OF THE BUILDINGS AND STRUCTURES THEREON IS SHOWN BY THE DOTTED LINES. THE LAYOUT OF THE BUILDINGS AND STRUCTURES THEREON IS SHOWN BY THE DOTTED LINES.

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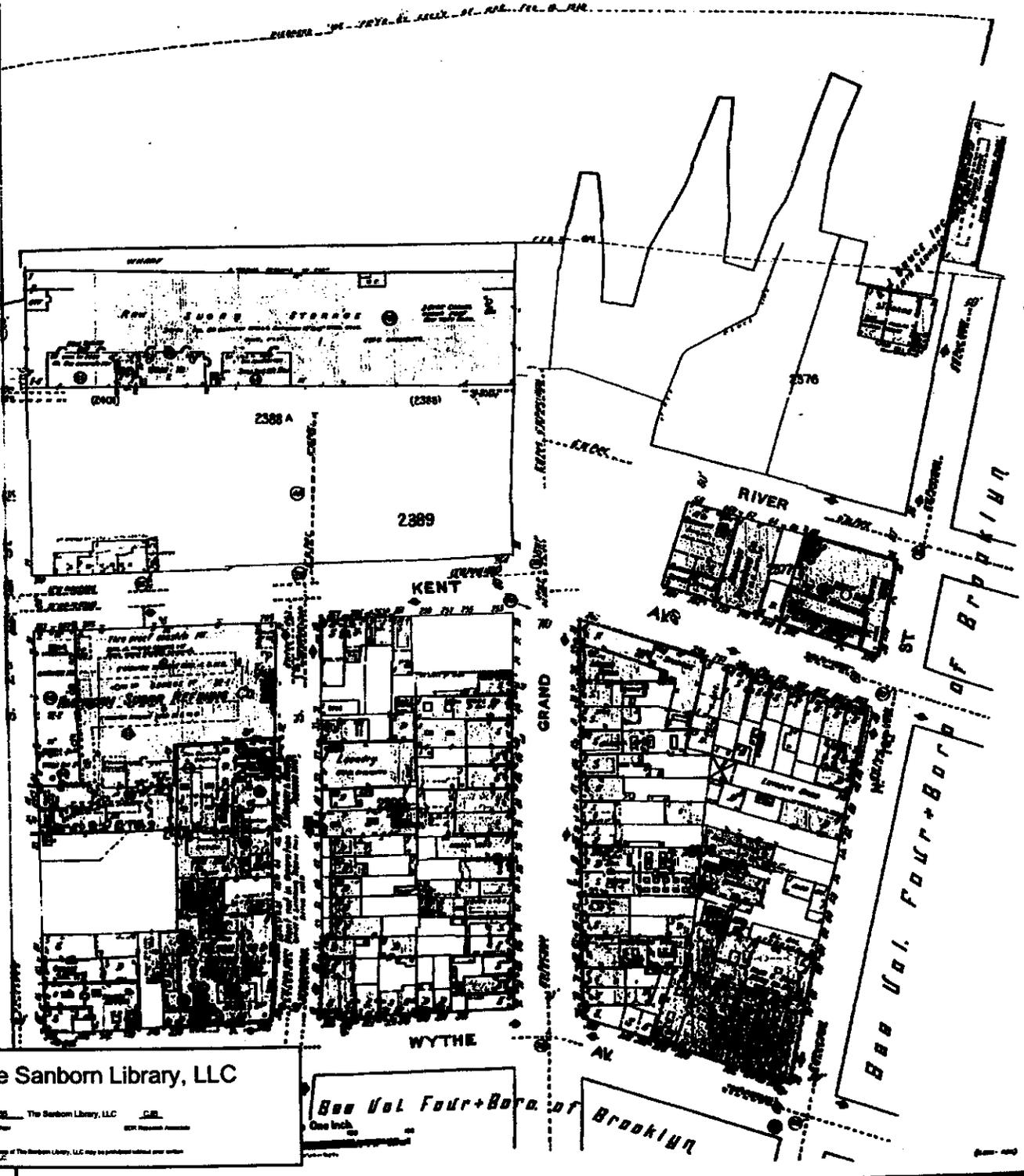


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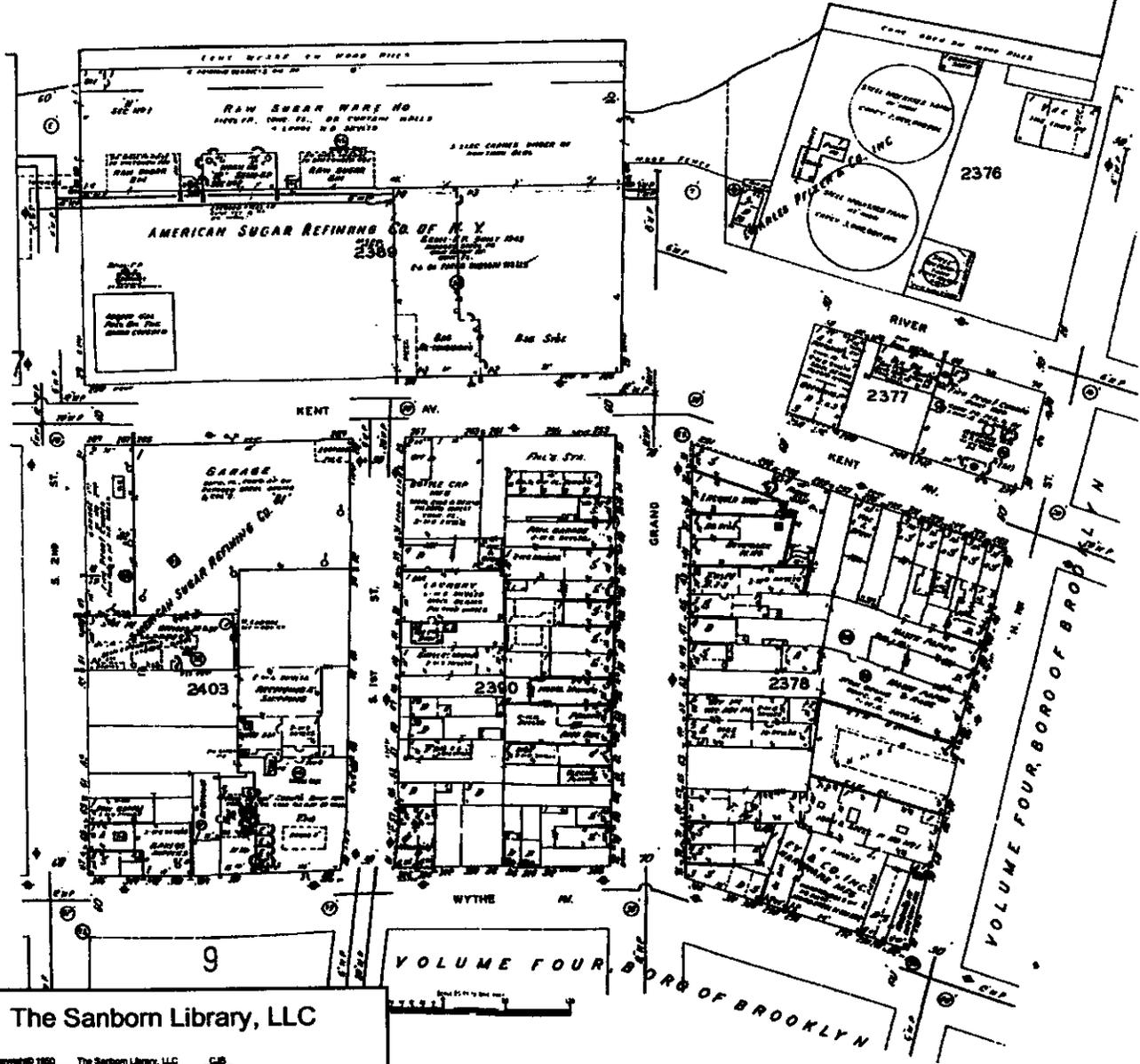


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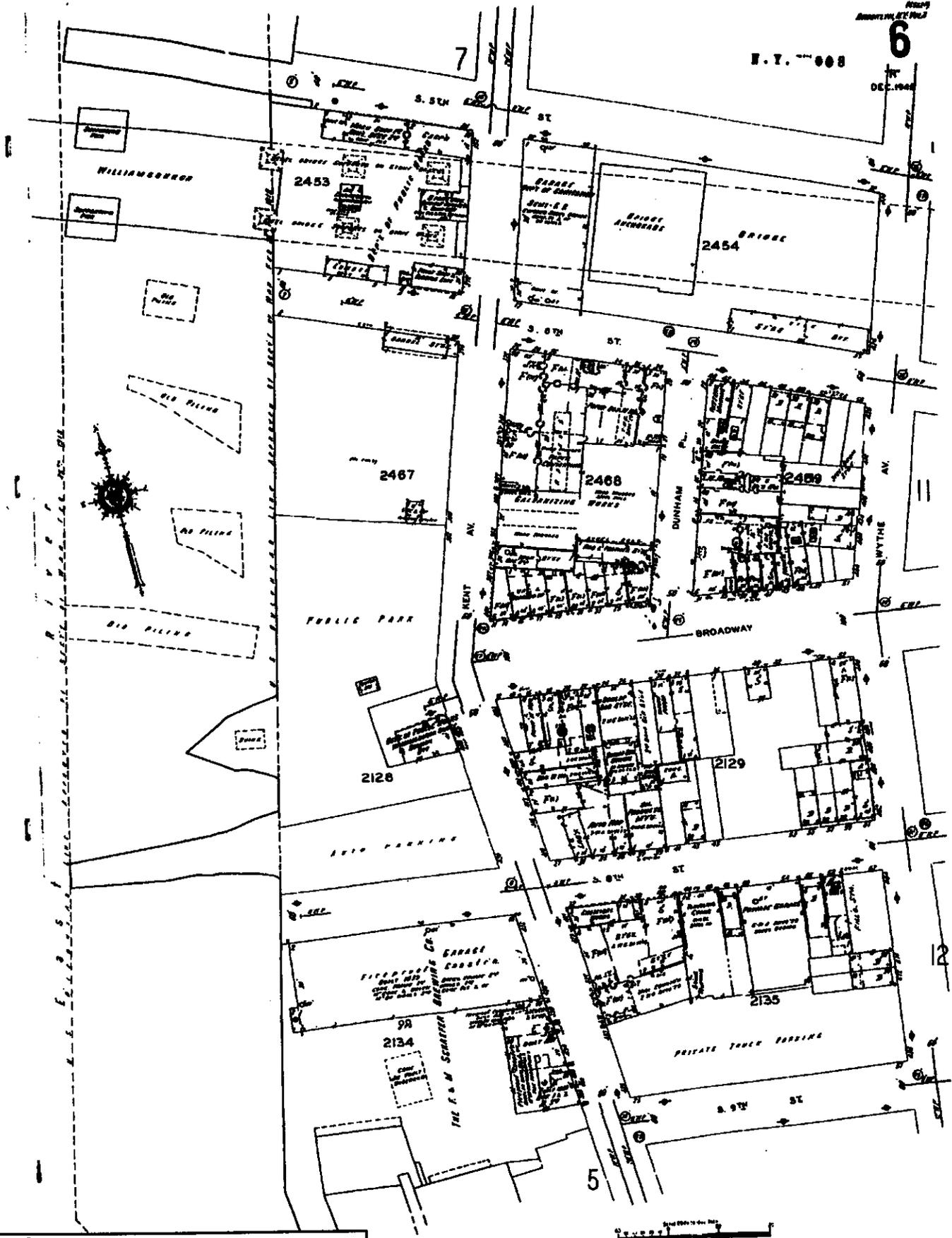
A DOTTED LINE APPROVED BY SELECT COM. FEB 24TH 1900



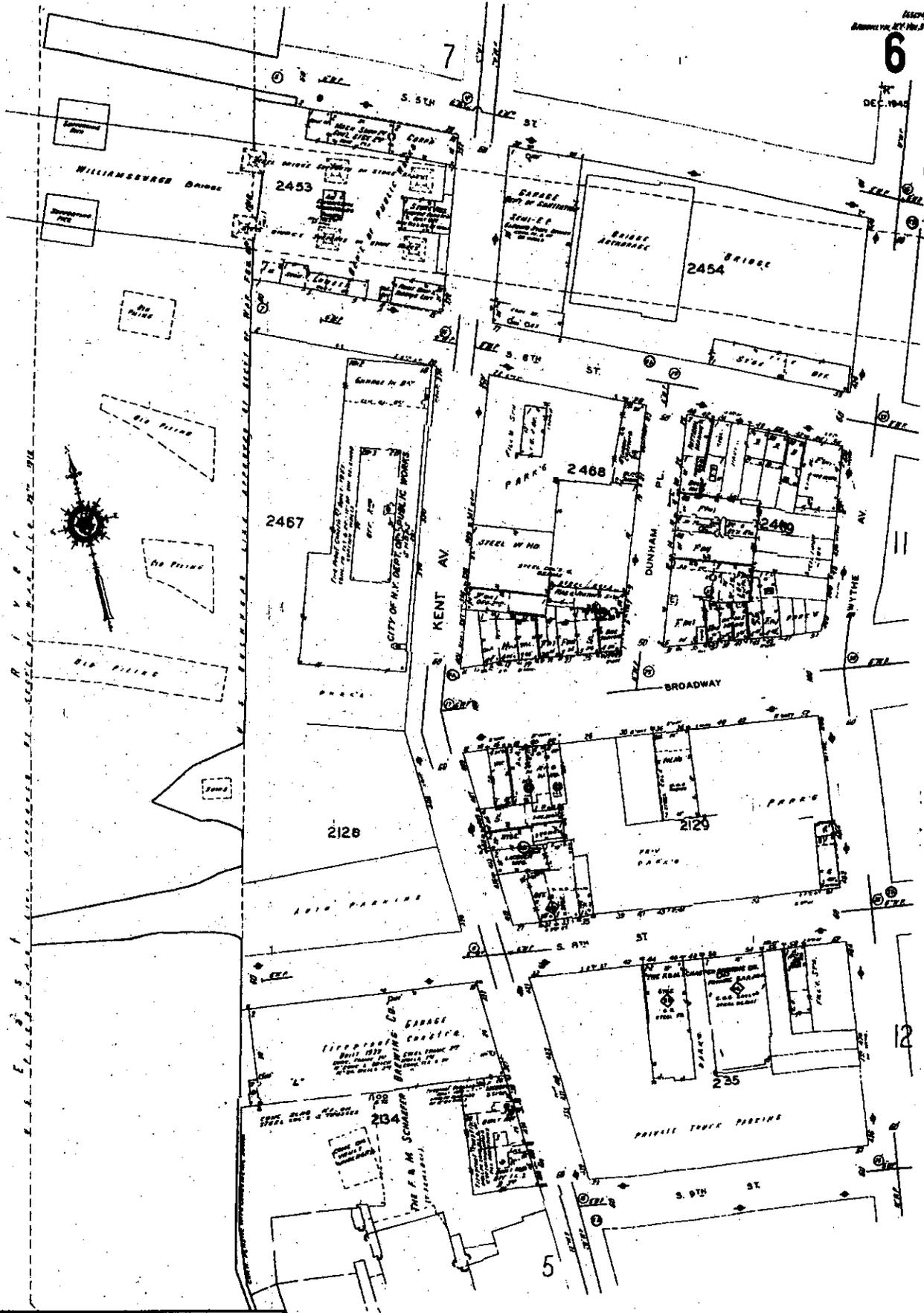
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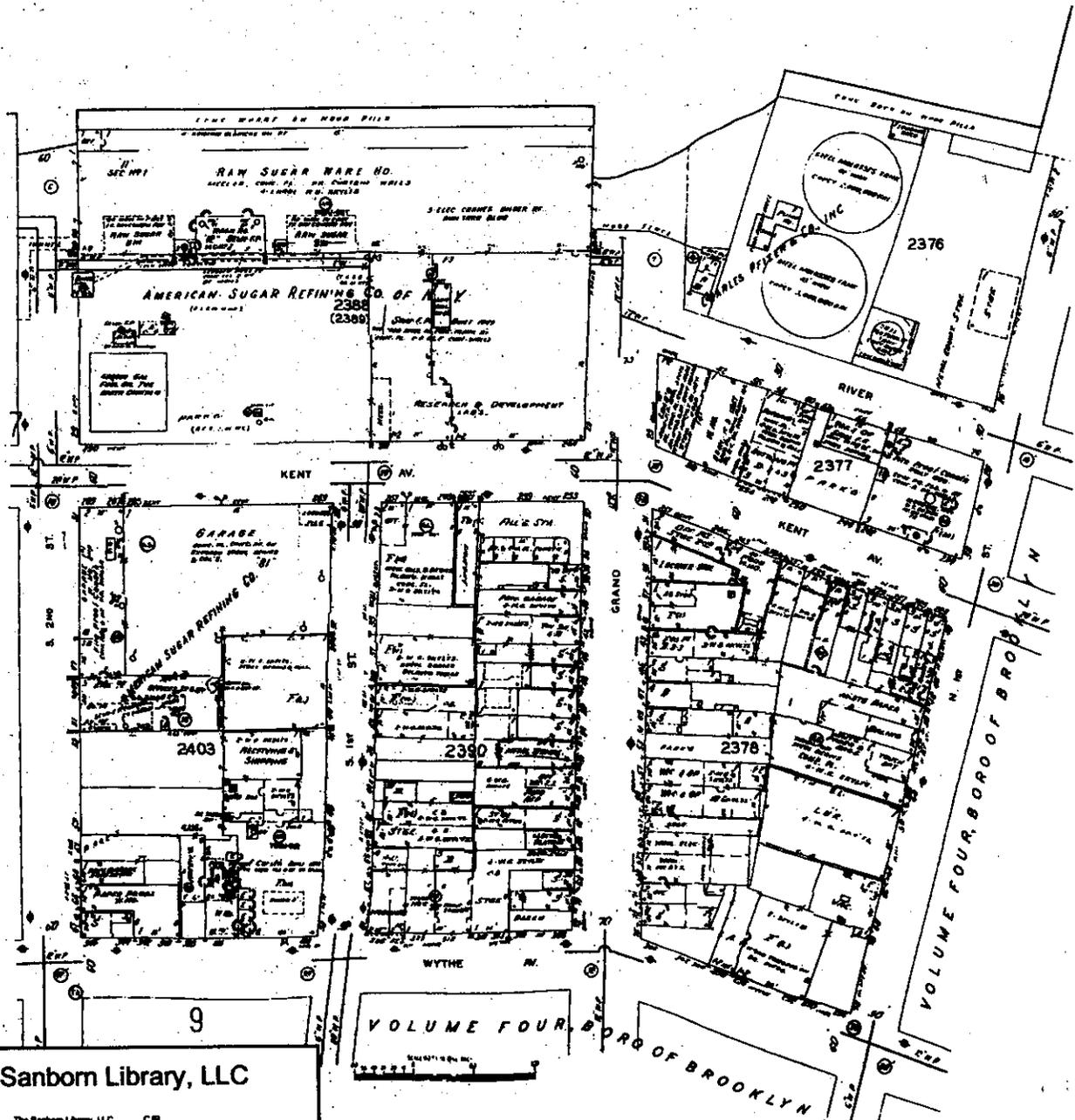


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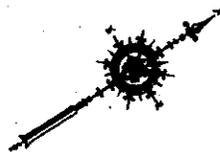


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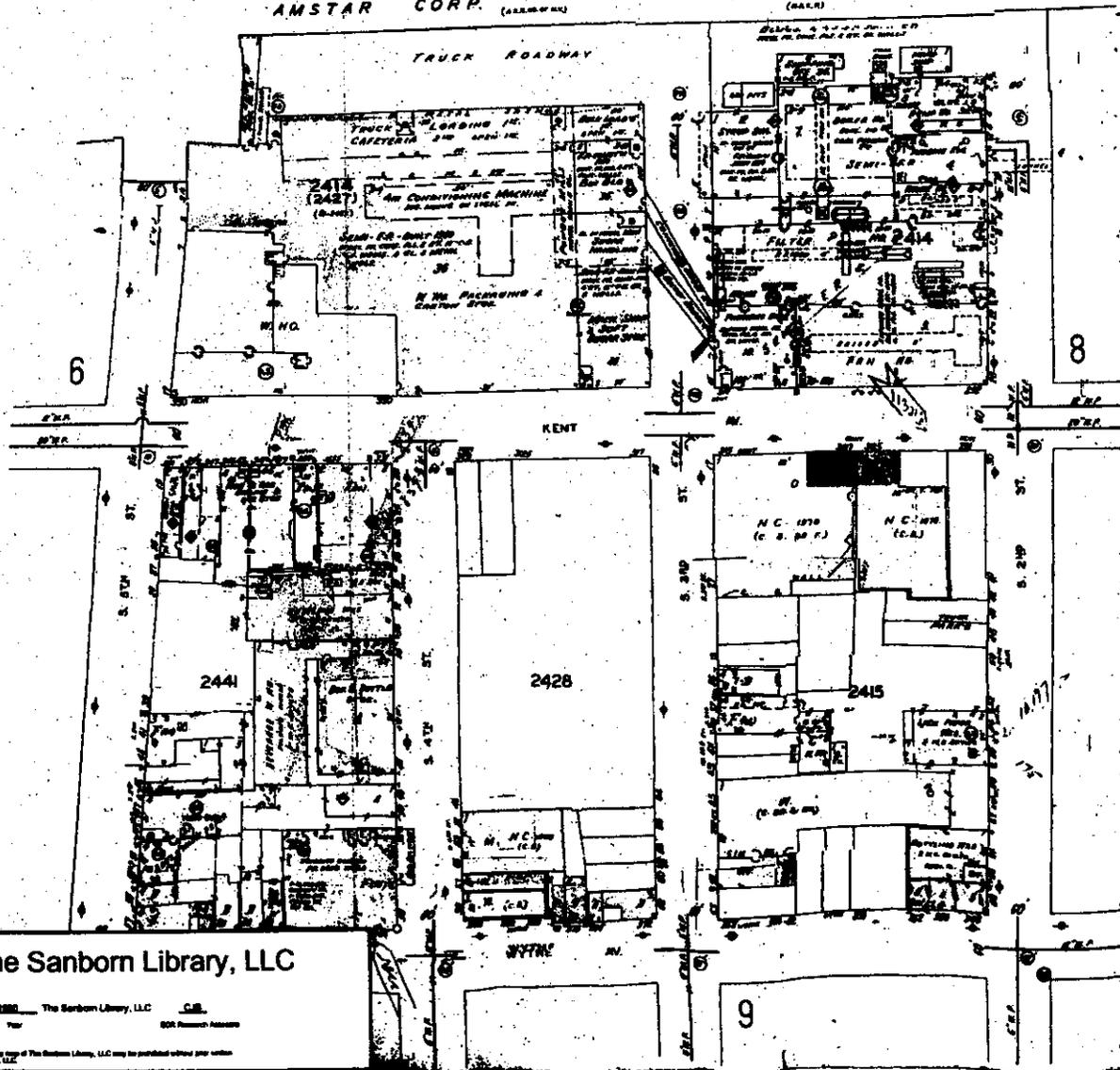
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U.S. DISTRICT COURT, DISTRICT OF COLUMBIA
12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

AMSTAR CORP. (AMSTAR)

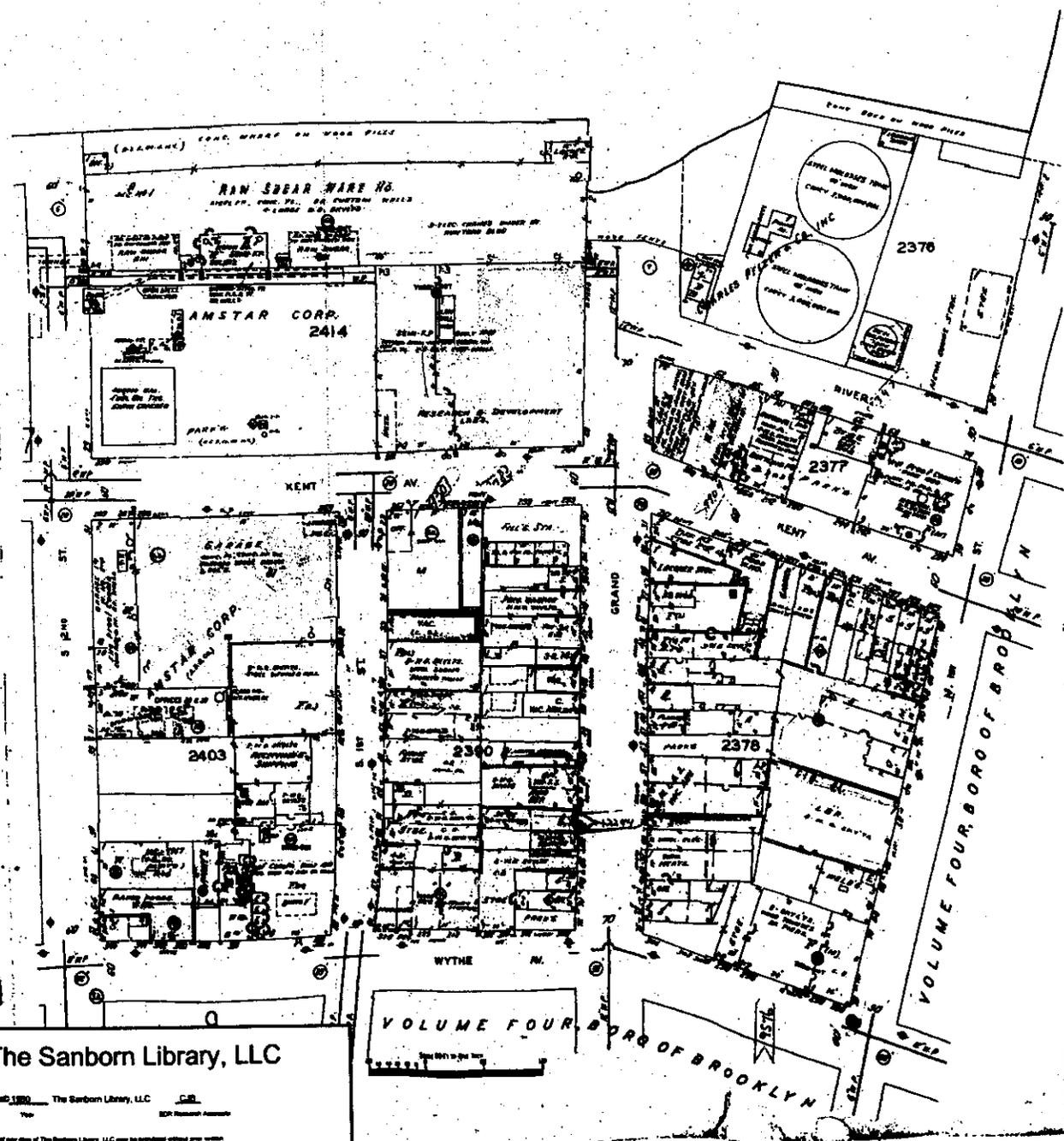


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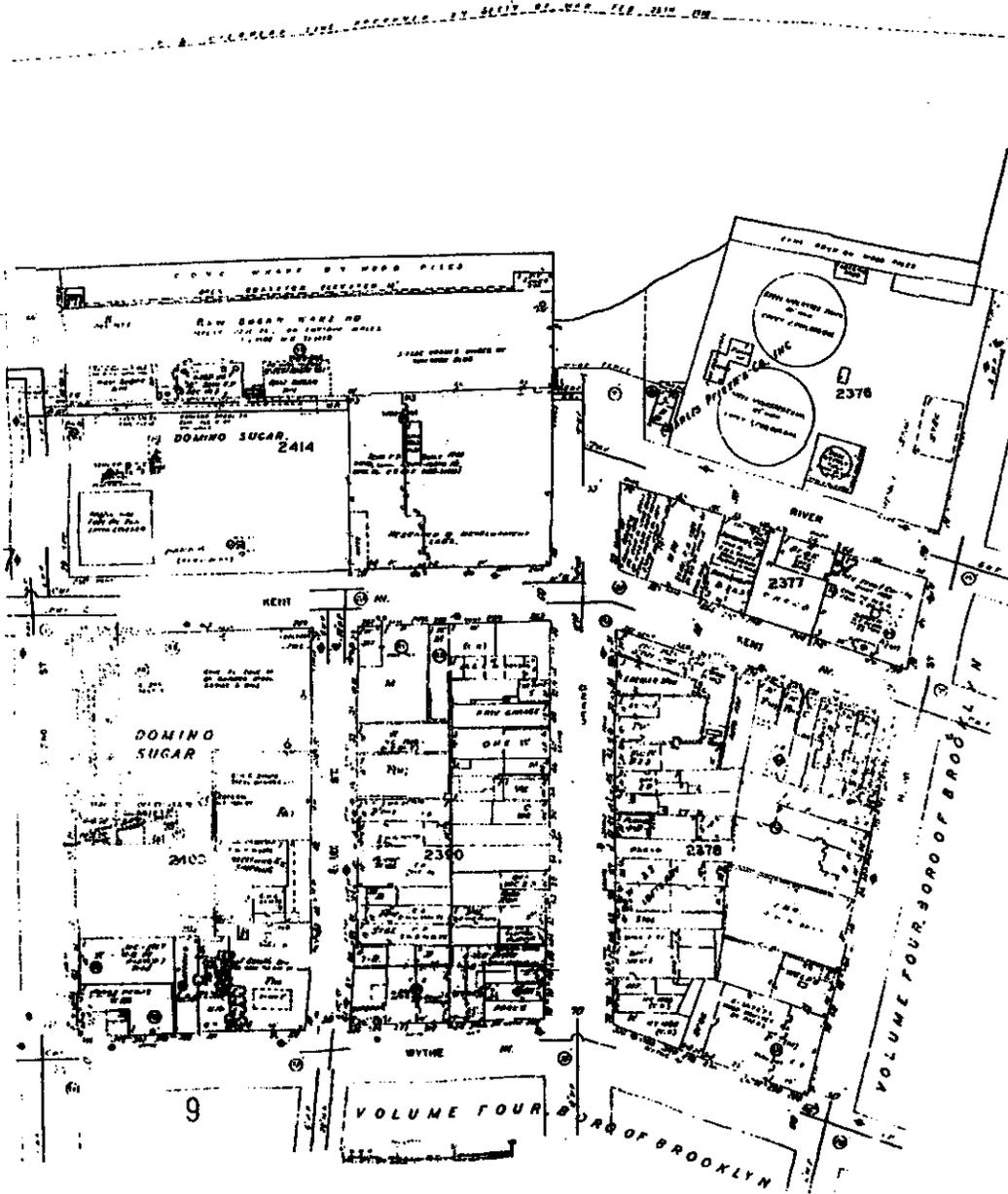
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**APPENDIX
V
Electronic Data Bases**



**EDR™ Environmental
Data Resources Inc**

The EDR Radius Map with GeoCheck®

**Domino Sugar
264-366 Kent Ave
Brooklyn, NY 11211**

Inquiry Number: 1180432.2s

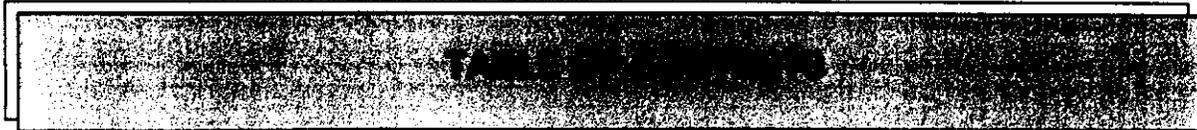
April 29, 2004

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06460**

Nationwide Customer Service

**Telephone: 1-800-352-0050
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Internet: www.edrnet.com**



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[REDACTED]

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

264-366 KENT AVE
BROOKLYN, NY 11211

COORDINATES

Latitude (North): 40.715000 - 40° 42' 54.0"
Longitude (West): 73.968000 - 73° 58' 4.8"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 587168.6
UTM Y (Meters): 4507421.0
Elevation: 1 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 40073-F8 BROOKLYN, NY
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
316 KENT AVE/DOMINO SUGAR 316 KENT AVE/DOMINO SUGAR BKLYN, NY	NY Spills	N/A
DOMINO SUGAR TERMIANL SOUTH 2ND AVE DOMINO SUGAR TERMIANL SOUTH 2ND AVE BROOKLYN, NY	ERNS	N/A
AMERICAN SUGAR REFINING INC 266-316 KENT AVE BROOKLYN, NY 11211	RCRIS-SQG	NYR000109454
DOMINO SUGAR 316 KENT AVENUE BROOKLYN, NY	NY Spills	N/A
DOMINO SUGAR REFINERY TERMINAL DOMINO SUGAR REFINERY TERMINAL BROOKLYN, NY	ERNS	N/A
49 S 2ND ST/DOMINO SUGAR 49 S 2ND ST/DOMINO SUGAR BKLYN, NY	NY Spills	N/A
DOMINO SUGAR 286 KENT AVENUE BROOKLYN, NY	NY Spills	N/A

316 KENT AVE
316 KENT AVE
BROOKLYN, NY

NY Spills

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

STATE ASTM STANDARD

SHWS..... Inactive Hazardous Waste Disposal Sites in New York State
SWTIRE..... Registered Waste Tire Storage & Facility List
SWRCY..... Registered Recycling Facility List

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Dellisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
US BROWNFIELDS..... A Listing of Brownfields Sites
INDIAN RESERV..... Indian Reservations
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS INSP..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

HSWDS..... Hazardous Substance Waste Disposal Site Inventory

AST..... Petroleum Bulk Storage
DEL SHWS..... Delisted Registry Sites

BROWNFIELDS DATABASES

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

FEDERAL ASTM STANDARD

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/15/2004 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RADIAC RESEARCH CORP</i>	<i>33 S FIRST ST</i>	<i>0 - 1/8 ENE</i>	<i>C18</i>	<i>24</i>

RCRIS: Resource Conservation and Recovery Information System. RCRIS 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. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-TSD list, as provided by EDR, and dated 03/09/2004 has revealed that there is 1 RCRIS-TSD site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RADIAC RESEARCH CORP</i>	<i>33 S FIRST ST</i>	<i>0 - 1/8 ENE</i>	<i>C18</i>	<i>24</i>

EXECUTIVE SUMMARY

RCRIS: Resource Conservation and Recovery Information System. RCRIS 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. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-LQG list, as provided by EDR, and dated 03/09/2004 has revealed that there are 2 RCRIS-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHROMIUM PLATING & POLISHING C	373 WYTHE AVE	1/8 - 1/4 SSE	N52	82

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NYCDOT - WILLIAMSBURG BRIDGE #	WILLIAMSBURG BRG OVER E	1/8 - 1/4 WSW	80	80

RCRIS: Resource Conservation and Recovery Information System. RCRIS 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. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 03/09/2004 has revealed that there are 18 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RADIAC RESEARCH CORPORATION	261 KENT AVENUE	0 - 1/8 ENE	D15	18
RADIAC RESEARCH CORP	33 S FIRST ST	0 - 1/8 ENE	C18	24
V2032	10-13 GRAND STREET	0 - 1/8 NE	F27	51
NYSDOT - B Q E BRIDGES	KENT AVE & GRAND ST	1/8 - 1/4 NE	30	64
SPECTRONICS ELECTROPLATING COR	66 S 2ND ST	1/8 - 1/4 ESE	G31	58
LEXA METAL CORP	303 WYTHE AVE	1/8 - 1/4 E	G32	58
H & B PLASTICS PLATING	299 WYTHE AVE	1/8 - 1/4 E	33	58
KING COLLISION	237 KENT AVE	1/8 - 1/4 NE	H34	58
UNICO SERVICE CORP	2575 CONEY ISLAND AVE -	1/8 - 1/4 ENE	I38	60
NY POWER AUTH - 1ST & GRAND ST	N 1ST ST & RIVER ST	1/8 - 1/4 NE	J39	61
FYN PAINT & LACQUER COMPANY IN	229 KENT AVENUE	1/8 - 1/4 NE	K43	68
TRIBORO SHELVEING & PARTITION	296 WYTHE AVE	1/8 - 1/4 ENE	46	78
NYCDOT CONTRACT BRC25388	300 KENT AVE WILLIAMSBUR	1/8 - 1/4 SSE	48	79
NYSDOT WILLIAMSBURG BRIDGE	373 KENT AVE	1/8 - 1/4 S	L49	80
CHROMIUM PLATING	373 WYTHE AVE	1/8 - 1/4 SSE	N54	85
M & K GAS & AUTO REPAIRS INC	80-02 METROPOLITAN AVE	1/8 - 1/4 NE	M58	87
CONSOLIDATED EDISON NORTH FIRS	214 KENT AVENUE	1/8 - 1/4 NE	M58	88

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
R J ROMANO CO INC	WILLIAMSBURG BRIDGE	1/8 - 1/4 WSW	45	77

STATE ASTM STANDARD

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 6 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LOCAL TRANSFER STATION	353 BERRY STREET	1/4 - 1/2SE	64	101
CONTAINER SERVICE CORP.	36 BROADWAY	1/4 - 1/2S	65	102
V. M. TRANSFER; LTD.(CARDELLA)	175 KENT AVE	1/4 - 1/2NE	66	102
JORAL CARTING INC.	157 KENT AVE.	1/4 - 1/2NE	67	103
NEKBOH RECYCLING INC. (2 N. 5	2 NORTH 5TH STREET	1/4 - 1/2NNE	O70	105
NEKBOH RECYCLING(5 N. 7TH ST.	5 NORTH 7TH STREET (KE	1/4 - 1/2NNE	72	107

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 02/10/2004 has revealed that there are 15 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTH 2ND AVE & KENT AVE	SOUTH 2ND AVE / KENT	0 - 1/8 ESE	B9	12
D61 KENT AVE. BKLYN/RADIA	261 KENT AVE.	0 - 1/8 ENE	D16	19
FYN PAINT	33 NORTH 1ST STREET	1/8 - 1/4NE	J40	61
N 1ST ST & KENT AV/CON ED	NORTH 1ST ST / KENT A	1/8 - 1/4NE	K41	83
65 SOUTH 3RD STREET	65 SOUTH 3RD STREET	1/8 - 1/4ESE	44	76
WILLIAMSBURG BRIDGE DOT	372 KENT AVE	1/8 - 1/4S	L47	78
NORTH 1ST ST TERMINAL	N FIRST ST / KENT AV	1/8 - 1/4NE	M51	81
CHROMIUM PLATING & POLISHING C	373 WYTHE AVE	1/8 - 1/4SSE	N52	82
46-11 METROPOLITAN AVE	46-11 METROPOLITAN AVE	1/8 - 1/4NE	M55	86
214 KENT AVE/BKLYN/CON ED	214 KENT AVENUE	1/8 - 1/4NE	M60	98
108 SOUTH 2ND STREET	108 SOUTH 2ND ST	1/4 - 1/2ESE	61	98
390 KENT AVE/BKLYN	390 KENT AVE	1/4 - 1/2S	62	100
97 BROADWAY	97 BROADWAY	1/4 - 1/2SSE	68	103
USA WASTE OF NYC	2 N 5TH ST	1/4 - 1/2NNE	O69	103
NYC DOT	DELANCY STREET/MANGIN S	1/4 - 1/2W	71	105

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 01/01/2002 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KENT ASSOCIATES	259 KENT AVENUE	0 - 1/8 NE	D19	34
GRAND MORGAN REALTY CORP.	10-27 GRAND STREET	0 - 1/8 NE	F28	51
50 SOUTH 4TH STREET	50 S 4TH ST	1/8 - 1/4SE	35	57
KENT 240 CO	240 KENT AVE	1/8 - 1/4NE	H36	58



<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
G & S DESIGNS, INC.	314-326 WYTHE AVE.	1/8 - 1/4 ENE	I37	59
SS PETER & PAULS R C CHURCH	86 SOUTH 2ND ST	1/8 - 1/4 ESE	42	65
CHROMIUM PLATING & POLISHING C	373 WYTHE AVE	1/8 - 1/4 SSE	N53	84

CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 CBS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FYN PAINT & LACQUER COMPANY IN	229 KENT AVENUE	1/8 - 1/4 NE	K43	66
BLISS & TANNENBAUM, L.P.	58 METROPOLITIAN AVENUE	1/8 - 1/4 NE	57	87

MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 MOSF UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TATE & LYLE NORTH AMERICAN SUG	49 SOUTH SECOND STREET	0 - 1/8 ESE	E23	42
NORTH FIRST STREET FUEL OIL TE	214 KENT AVENUE	1/8 - 1/4 NE	M59	89

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the VCP list, as provided by EDR, and dated 03/17/2004 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FYN PAINT & LACQUER COMPANY IN	229 KENT AVENUE	1/8 - 1/4 NE	K43	66
98-116 SOUTH 4TH STREET (EL PU)	98-116 SOUTH 4TH STREET	1/4 - 1/2 SE	63	101

STATE OR LOCAL ASTM SUPPLEMENTAL

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6

EXECUTIVE SUMMARY

NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 3 CBS AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DOMINO SUGAR CORP.-BROOKLYN RE	49 SOUTH 2ND STREET	0 - 1/8 ESE	E22	41
FYN PAINT & LACQUER COMPANY IN	220 KENT AVENUE	1/8 - 1/4 NE	K43	88
NORTH FIRST STREET FUEL OIL TE	214 KENT AVENUE	1/8 - 1/4 NE	M59	89

MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 MOSF AST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TATE & LYLE NORTH AMERICAN SUG	49 SOUTH SECOND STREET	0 - 1/8 ESE	E25	46
NORTH FIRST STREET FUEL OIL TE	214 KENT AVENUE	1/8 - 1/4 NE	M59	89

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, has revealed that there are 10 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
292 KENT AVE	292 KENT AVE	0 - 1/8 ESE	B10	13
Not reported	292 KENT AVE	0 - 1/8 ESE	B11	14
MANHOLE #4817	KENT AV / SO 3RD ST	0 - 1/8 SSE	12	15
RADAIC CORPORATION	271 KENT AVE	0 - 1/8 ENE	C13	16
EAST RIVER -GRAND STREET	EAST RIVER AT GRAND AVE	0 - 1/8 NE	14	18
49 SOUTH 2ND STREET	49 SOUTH 2ND STREET	0 - 1/8 ESE	E20	39
49 S 2ND ST	49 S 2ND ST	0 - 1/8 ESE	E21	40
49 SO. 2ND STREET	49 SO. 2ND STREET	0 - 1/8 ESE	E24	45
Not reported	RIVER / GRAND ST	0 - 1/8 NE	F26	50
11 GRAND STREET	11 GRAND STREET	0 - 1/8 NE	F29	53

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there are 6 Coal Gas sites

within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PEOPLES GAS LIGHT CO.	472 KENT AVE.	1/2 - 1 S	73	107
WILLIAMSBURGH GAS LIGHT CO.	41 N. 11TH ST.	1/2 - 1 NE	74	107
NASSAU GAS LIGHT CO.	540 KENT AVE.	1/2 - 1 S	75	108
NEW YORK MUTUAL GAS CO.	142 AVENUE D	1/2 - 1 NNW	76	108
NEW YORK MUTUAL GAS LIGHT CO.	156 AVENUE D	1/2 - 1 NNW	77	108
NASSAU GAS LIGHT CO.	46 KEEP ST.	1/2 - 1 SSE	78	108

BROWNFIELDS DATABASES

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the VCP list, as provided by EDR, and dated 03/17/2004 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FYN PAINT & LACQUER COMPANY IN	229 KENT AVENUE	1/8 - 1/4 NE	K43	68
98-116 SOUTH 4TH STREET (EL PU)	98-116 SOUTH 4TH STREET	1/4 - 1/2 SE	63	101

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
BKLYN UNION GAS /WILLIAMSBURGH WOR	CERC-NFRAP
BKLYN UNION GAS /PEOPLES WORKS	CERC-NFRAP
BJR REALTY CORP.	SWF/LF
NORTH AMERICAN RECYCLING; INC	SWF/LF
NYCDOT METROPOLITAN AVE BRG #22402	RCRIS-SQG, FINDS
CON ED - MH 64824	RCRIS-SQG
N3 AND N4TH STREET	NY Spills
SOUTH 2ND ST.	NY Spills
WYTHE AV/	NY Spills
NORTH 11 STREET	NY Spills
ON HWY KENT AVE-EXIT OF	NY Spills
KENT AVE/WILLABUP AVE	NY Spills
BQE AND	NY Spills
VAULT 1198	NY Spills
EAST SIDE OF KENT AVE	NY Spills
ENG CO. 221 - 161 SOUTH	NY Spills
NEW YORK POWER AUTHORITY	NY Spills
BUG, PEOPLES WORKS	CBS AST
PEOPLES WORKS	HSWDS
KENT TERMINAL	VCP
PEOPLES WORKS	VCP
WYTHE AVE (BERRY ST.) STATION	VCP

OVERVIEW MAP - 1180432.2s - Env. Health Investigations, Inc

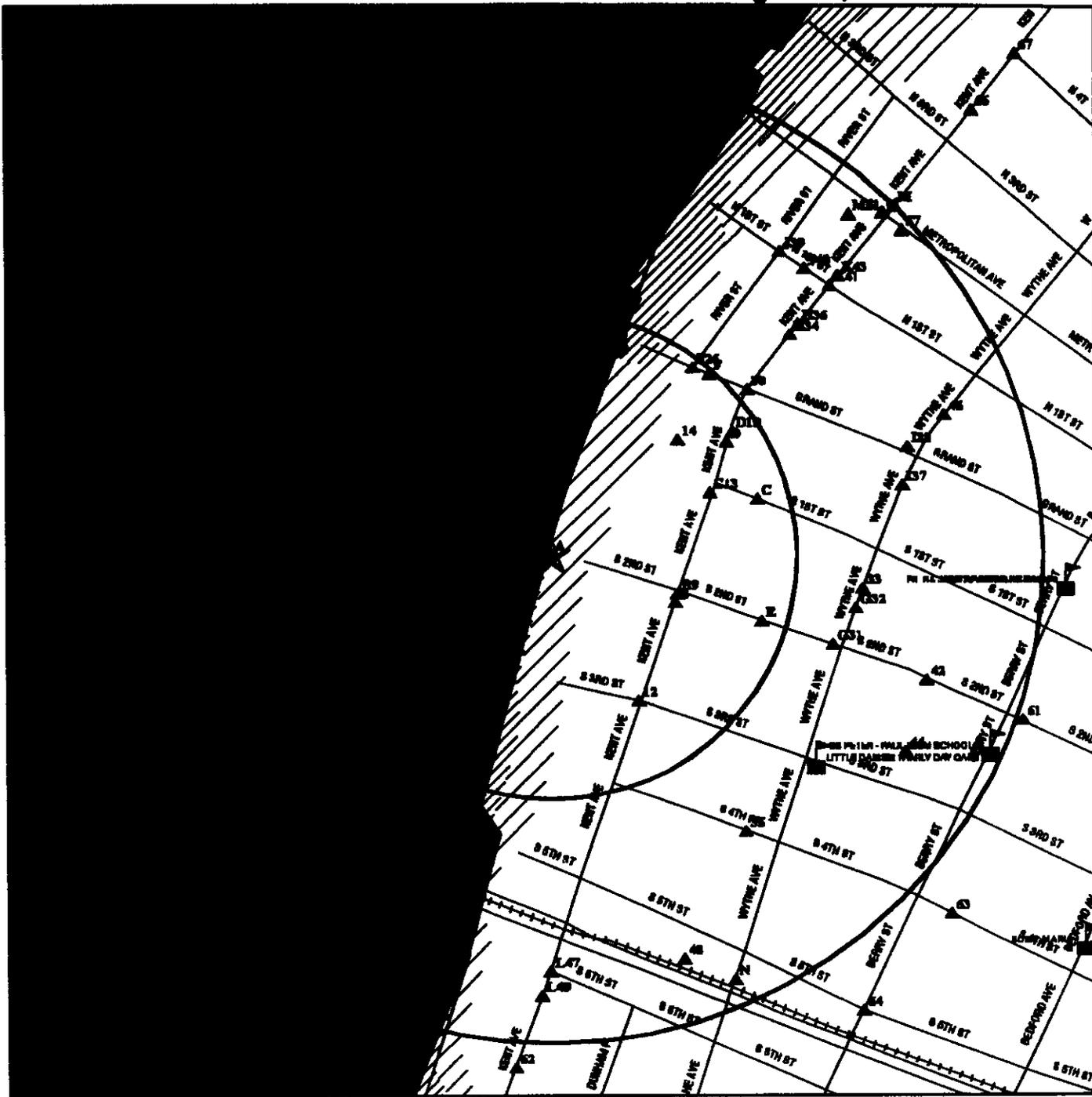


- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Federal Wetlands
- State Wetlands



TARGET PROPERTY:	Domino Sugar	CUSTOMER:	Env. Health Investigations, Inc
ADDRESS:	284-368 Kent Ave	CONTACT:	Bill Kerbel
CITY/STATE/ZIP:	Brooklyn NY 11211	INQUIRY #:	1180432.2s
LAT/LONG:	40.7150 / 73.9880	DATE:	April 29, 2004 8:20 am

DETAIL MAP - 1180432.2a - Env. Health Investigations, Inc



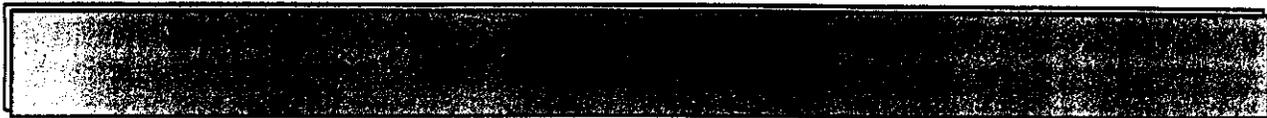
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- f Sensitive Receptors
-  National Priority List Sites
-  Landfill Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  County Boundary
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  Federal Wetlands
-  State Wetlands



TARGET PROPERTY: Domino Sugar
ADDRESS: 284-368 Kent Ave
CITY/STATE/ZIP: Brooklyn NY 11211
LAT/LONG: 40.7150 / 73.9680

CUSTOMER: Env. Health Investigations, Inc
CONTACT: Bill Kerbel
INQUIRY #: 1180432.2a
DATE: April 29, 2004 8:21 am



<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	1	0	0	0	NR	1
RCRIS-TSD		0.500	1	0	0	NR	NR	1
RCRIS Lg. Quan. Gen.		0.250	0	2	NR	NR	NR	2
RCRIS Sm. Quan. Gen.	X	0.250	3	15	NR	NR	NR	18
ERNS	X	TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	6	NR	NR	6
LTANKS		0.500	2	8	5	NR	NR	15
UST		0.250	2	5	NR	NR	NR	7
CBS UST		0.250	0	2	NR	NR	NR	2
MOSF UST		0.500	1	1	0	NR	NR	2
VCP		0.500	0	1	1	NR	NR	2
SWTIRE		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
HSWDS		0.500	0	0	0	NR	NR	0



<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
AST		TP	NR	NR	NR	NR	NR	0
CBS AST		0.250	1	2	NR	NR	NR	3
MOSF AST		0.500	1	1	0	NR	NR	2
NY Spills	X	0.125	10	NR	NR	NR	NR	10
DEL SHWS		1.000	0	0	0	0	NR	0

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	6	NR	6
----------	--	-------	---	---	---	---	----	---

BROWNFIELDS DATABASES

US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Brownfields		0.500	0	0	0	NR	NR	0
VCP		0.500	0	1	1	NR	NR	2

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

A1 316 KENT AVE/DOMINO SUGAR
Target 316 KENT AVE/DOMINO SUGAR
Property BKLYN, NY

NY Spills S102142956
N/A

Site 1 of 8 in cluster A

Actual:
2 ft.

SPILLS:

Spill Number: 9202849
Spill Date: 06/09/1992 08:50
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1: Not reported
Spill Cause: Equipment Failure
Water Affected: Not reported
Facility Contact: Not reported
Investigator: WILSON
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: CHEMICAL LEAMAN CO
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 06/09/1992
Spill Notifier: Affected Persons
Cleanup Ceased: 06/09/1992
Last Inspection: Not reported
Clean up Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 06/16/1992
Date Region Sent Summary to Central Office: Not reported
True Date: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 5
Units: Gallons
Unknown Qty Spilled: 5
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum

Region of Spill: 2
Reported to Dept: 06/09/1992 09:43
Amount Spilled 1: Not reported
Resource Affected: On Land
Spill Source: Commercial Vehicle
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

316 KENT AVE/DOMINO SUGAR (Continued)

S102142956

Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Material Class Type: 1
Quantity Spilled: 0
Units: Not reported
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: HYDRAULIC OIL
Class Type: Petroleum
Chem Abstract Service Number: HYDRAULIC OIL
Last Date: 07/28/1994
Num Times Material Entry In File: 1846
Remarks: SPEEDY-DRY APPLIED DISPOSED.
DEC Remarks: Not reported

A2
Target
Property
**DOMINO SUGAR TERMIANL SOUTH 2ND AVE
DOMINO SUGAR TERMIANL SOUTH 2ND AVE
BROOKLYN, NY**

**ERNS 94356525
N/A**

Site 2 of 8 in cluster A

Actual:
2 ft.

The ERNS database may contain additional details for this site.
Please click here or contact your EDR Account Executive for more information.

A3
Target
Property
**AMERICAN SUGAR REFINING INC
266-316 KENT AVE
BROOKLYN, NY 11211**

**RCRIS-SQG 1006810269
NYR000109454**

Site 3 of 8 in cluster A

Actual:
2 ft.

RCRIS:
Owner: AMERICAN SUGAR REFINING INC
(718) 387-6800
EPA ID: NYR000109454
Contact: DAVID P DEMONE
(718) 387-6800

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 374-3.2(d)(4)(i),374-3.2(e)(5)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 01/23/2003
Actual Date Achieved Compliance: 02/21/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/30/2003
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation Area of Violation
Compliance Evaluation Inspection GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

Date of
Compliance
20030221

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

AMERICAN SUGAR REFINING INC (Continued)

1006810269

A4 Target Property
DOMINO SUGAR
316 KENT AVENUE
BROOKLYN, NY

NY Spills S104652735
N/A

Site 4 of 8 in cluster A

Actual:
2 ft.

SPILLS:

Spill Number: 0030003
Spill Date: 05/12/2000 15:43
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Facility Contact: Not reported
Investigator: SACCACIO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: DOMINO SUGAR
Spiller Address: 316 KENT AVE
BROOKLYN, NY

Region of Spill: 2
Reported to Dept: 05/12/2000 15:43

Amount Spilled 1: Not reported
Resource Affected: Surface Water
Spill Source: Other Commercial/Industrial
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: Not reported

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: 05/25/2000

Spill Notifier: Other

PBS Number: Not reported

Cleanup Ceased: Not reported

Last Inspection: Not reported

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Date: Not reported

Enforcement Date: Not reported

Investigation Complete: Not reported

UST Involvement: False

Spill Record Last Update: 05/25/2000

Is Updated: False

Corrective Action Plan Submitted: Not reported

Date Spill Entered In Computer Data File: 05/12/2000 15:53

Date Region Sent Summary to Central Office: Not reported

True Date: Not reported

Tank Test

PBS Number: Not reported

Tank Number: Not reported

Test Method: Not reported

Capacity of Failed Tank: Not reported

Leak Rate Failed Tank: Not reported

Gross Leak Rate: Not reported

Material:

Material Class Type: 1

Quantity Spilled: 0

Units: Gallons

Unknown Qty Spilled: No

Quantity Recovered: 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

DOMINO SUGAR (Continued)

S104652735

Unknown Qty Recovered: True
 Material: UNKNOWN PETROLEUM
 Class Type: Petroleum
 Chem Abstract Service Number: UNKNOWN PETROLEUM
 Last Date: 09/29/1994
 Num Times Material Entry In File: 16414
 Material Class Type: 4
 Quantity Spilled: 0
 Units: Gallons
 Unknown Qty Spilled: No
 Quantity Recovered: 0
 Unknown Qty Recovered: True
 Material: UNKNOWN MATERIAL
 Class Type: Unknown
 Chem Abstract Service Number: UNKNOWN MATERIAL
 Last Date: 11/09/1994
 Num Times Material Entry In File: 9140

Remark: DOMINO IS INSTALLING A NEW STORAGE TANK AT THE FACILITY. THE BLACK COLOR EXCAVATED SOILS WERE TRANSPORTED TO A WAREHOUSE RIGHT BY THE RIVER, THEY MAY DUMP THESE CONTAMINATED SOIL INTO THE RIVER.
 DEC Remarks: DEC Sigona inspected site one week earlier and determined that that soil was not contaminated.

A5
 Target
 Property
DOMINO SUGAR REFINERY TERMINAL
DOMINO SUGAR REFINERY TERMINAL
BROOKLYN, NY

ERNS 94363996
N/A

Site 5 of 8 in cluster A

Actual:
 2 ft. The ERNS database may contain additional details for this site.
 Please click here or contact your EDR Account Executive for more information.

A6
 Target
 Property
49 S 2ND ST/DOMINO SUGAR
49 S 2ND ST/DOMINO SUGAR
BKLYN, NY

NY Spills S102142553
N/A

Site 6 of 8 in cluster A

Actual:
 2 ft. SPILLS:
 Spill Number: 9111094 Region of Spill: 2
 Spill Date: 01/24/1992 18:30 Reported to Dept: 01/24/1992 16:41
 ID: Not reported
 Date Call Received: Not reported
 Region Close Date: Not reported
 Material Spilled 1: Not reported
 Spill Cause: Equipment Failure Amount Spilled 1: Not reported
 Water Affected: Not reported Resource Affected: On Land
 Facility Contact: Not reported Spill Source: Other Commercial/Industrial
 Investigator: TANG Facility Tele: Not reported
 Caller Name: Not reported SWIS: 61
 Caller Phone: Not reported Caller Agency: Not reported
 Notifier Name: Not reported Caller Extension: Not reported
 Notifier Phone: Not reported Notifier Agency: Not reported
 PBS: Not reported Notifier Extension: Not reported
 Spiller Contact: Not reported Spiller Phone: Not reported
 Spiller: Not reported
 Spiller Address: Not reported
 Spill Class: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation



DOMINO SUGAR (Continued)

Database(s)
EPA ID Number

EDR ID Number
EPA ID Number

S106015127

A8
Target
Property

316 KENT AVE
316 KENT AVE
BROOKLYN, NY

NY Spills **S102239659**
N/A

Actual:
2 ft.

Site 8 of 8 in cluster A

SPILLS:

Spill Number: 9600373
Spill Date: 04/09/1996 09:21
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1: Not reported
Spill Cause: Unknown
Water Affected: EAST RIVER
Facility Contact: Not reported
Investigator: MARTINKAT
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: DOMINO SUGAR
Spiller Address: 316 KENT AVE
BROOKLYN

Region of Spill: 2
Reported to Dept: 04/09/1996 09:59

Amount Spilled 1: Not reported
Resource Affected: Surface Water
Spill Source: Other Commercial/Industrial
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: Not reported

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: 04/09/1996
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Last Inspection: Not reported

PBS Number: Not reported

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/06/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/09/1996
Date Region Sent Summary to Central Office: Not reported

True Date: Not reported

Tank Test:

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

Material:

Material Class Type: 4
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EPA ID Number

EPA ID Number
EPA ID Number

316 KENT AVE (Continued)

S102239659

Unknown Qty Recovered: True
Material: UNKNOWN MATERIAL
Class Type: Unknown
Chem Abstract Service Number: UNKNOWN MATERIAL
Last Date: 11/09/1994
Num Times Material Entry In File: 9140
Remarks: white nasty sludge coming from valve waste pipe from building
DEC Remarks: Not reported

**B9
ESE
< 1/8
352 ft.**

**SOUTH 2ND AVE & KENT AVE
SOUTH 2ND AVE / KENT AVE
NEW YORK CITY, NY**

**LTANKS S102671269
N/A**

Site 1 of 3 in cluster B

**Relative:
Higher**

**Actual:
21 ft.**

LTANKS:

Spill Number: 8800834
Spill Date: 04/27/1988 12:45
ID: Not reported
Material Spilled 1: Not reported
Region Close Dt: Not reported
Resource Affectd: Surface Water
Spill Cause: Tank Overfill
Water Affected: EAST RIVER
Facility Contact: Not reported
Investigator: SIGONA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: TRINITY SIERRA/BARGE
Spiller Address: Not reported
Spill Class: Not reported
Spill Closed Dt: 04/28/1988
Spill Notifier: Responsible Party
Cleanup Ceased: 04/28/1988
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date: Not reported
Date Spill Entered In Computer Data File: 05/05/1988
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:

Region of Spill: 2
Reported to Dept: 04/27/1988 13:08
Date Call Received: Not reported
Amount Spilled 1: Not reported

Spill Source: Vessel
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: Not reported

PBS Number: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

SOUTH 2ND AVE & KENT AVE (Continued)

3102671269

Material Class Type: 1
 Quantity Spilled: 5
 Units: Gallons
 Unknown Qty Spilled: 5
 Quantity Recovered: 0
 Unknown Qty Recovered: False
 Material: DIESEL
 Class Type: Petroleum
 Chem Abstract Service Number: DIESEL
 Last Date: 07/28/1994
 Num Times Material Entry In File: 10625
 DEC Remarks: Not reported
 Spill Cause: USCG WILL TRY TO INVESTIGATE, USCG WAITING FOR DEC TO NOTIFY THEM OF AN
 Y ACTION.

B10
 ESE
 < 1/8
 353 ft.

292 KENT AVE
 292 KENT AVE
 BROOKLYN, NY

NY Spills S102149431
 N/A

Relative:
 Higher

Actual:
 21 ft.

Site 2 of 3 in cluster B

SPILLS:

Spill Number: 9414098
 Spill Date: 01/24/1995 09:25
 ID: Not reported
 Date Call Received: Not reported
 Region Close Date: Not reported
 Material Spilled 1: Not reported
 Spill Cause: Unknown
 Water Affected: Not reported
 Facility Contact: Not reported
 Investigator: TIBBE
 Caller Name: Not reported
 Caller Phone: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 PBS: Not reported
 Spiller Contact: Not reported
 Spiller: DOMINO SUGAR
 Spiller Address: Not reported
 Spill Class: Not reported
 Spill Closed Dt: Not Closed
 Spill Notifier: Responsible Party
 Cleanup Ceased: Not reported
 Last Inspection: Not reported
 Cleanup Meets Standard: False
 Recommended Penalty: Penalty Not Recommended
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: Not reported
 Is Updated: False
 Corrective Action Plan Submitted: Not reported
 Date Spill Entered In Computer Data File: 02/16/1995
 Date Region Sent Summary to Central Office: Not reported
 True Date: Not reported
 Tank Test: Not reported
 PBS Number: Not reported

Region of Spill: 2
 Reported to Dept: 01/24/1995 10:25

Amount Spilled 1: Not reported
 Resource Affected: On Land
 Spill Source: Other Commercial/Industrial
 Facility Tele: Not reported
 SWIS: 61
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Agency: Not reported
 Notifier Extension: Not reported

Spiller Phone: Not reported

PBS Number: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

292 KENT AVE (Continued)

S102149431

Tank Number: Not reported
 Test Method: Not reported
 Capacity of Failed Tank: Not reported
 Leak Rate Failed Tank: Not reported
 Gross Leak Rate: Not reported
 Material:
 Material Class Type: 1
 Quantity Spilled: 50
 Units: Gallons
 Unknown Qty Spilled: 50
 Quantity Recovered: 0
 Unknown Qty Recovered: False
 Material: #6 FUEL OIL
 Class Type: Petroleum
 Chem Abstract Service Number: #6 FUEL OIL
 Last Date: 07/28/1994
 Num Times Material Entry In File: 2190
 Remarks: BELIEVES IT MAY BE A LEAKING FLANGE GASKET- LEAK IS CONTAINED
 DEC Remarks: Not reported

B11
 ESE
 < 1/8
 353 ft.

**292 KENT AVE
 BROOKLYN, NY**

NY Spills **S104648394**
 N/A

Site 3 of 3 in cluster B

Relative:
 Higher
 Actual:
 21 ft.

SPILLS:
 Spill Number: 9812191
 Spill Date: 01/02/1999 00:30
 ID: Not reported
 Date Call Received: Not reported
 Region Close Date : Not reported
 Material Spilled 1 : Not reported
 Spill Cause: Equipment Failure
 Water Affected: EAST RIVER
 Facility Contact: LAEL PAULSON
 Investigator: TOMASELLO
 Caller Name: Not reported
 Caller Phone: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 PBS : Not reported
 Spiller Contact: LAEL PAULSON
 Spiller: NORTH AMERICAN SUGARS INC
 Spiller Address: 49 SOUTH 2ND ST
 BROOKLYN, NY 11211
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: Not Closed
 Spill Notifier: Responsible Party
 Cleanup Ceased: Not reported
 Last Inspection: Not reported
 Cleanup Meets Standard: False
 Recommended Penalty: Penalty Not Recommended
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: 01/12/1999

Region of Spill: 2
 Reported to Dept: 01/02/1999 03:15
 Amount Spilled 1 : Not reported
 Resource Affected: Surface Water
 Spill Source: Other Commercial/Industrial
 Facility Tele: (718) 486-4401
 SWIS: 61
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Agency: Not reported
 Notifier Extension: Not reported
 Spiller Phone: (718) 486-4401
 PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

(Continued)

3104648394

Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered in Computer Data File: 01/02/1999
Date Region Sent Summary to Central Office: Not reported
True Date: Not reported

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

Material:
Material Class Type: 1
Quantity Spilled: 126
Units: Gallons
Unknown Qty Spilled: 126
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #6 FUEL OIL
Last Date: 07/28/1994
Num Times Material Entry in File: 2190

Remark: 3 BARRELS OF MATERIAL WAS DEPOSITED INTO A TRENCH DUE LINE FAILURE FROM THERE SOME MATERIAL MAY HAVE MOVED INTO THE EAST RIVER THE MAJORITY OF THE MATERIAL HAS BEEN CONTAINED - LESS THAN 42 GAL INTO RIVER - ALTERNATE PHONE NUMBERS FOR CONTACT 718-387-6800 EXT 3286 OR 3280

DEC Remarks: Not reported

12
SSE
< 1/8
457 ft.
MANHOLE #4817
KENT AV / SO 3RD ST
BROOKLYN, NY

NY Spills S104195178
N/A

Relative:
Higher

Actual:
20 ft.

SPILLS:

Spill Number: 9907262
Spill Date: 09/17/1999 10:30
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported

Region of Spill: 2
Reported to Dept: 09/17/1999 11:32

Material Spilled 1: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Facility Contact: Not reported
Investigator: O'CONNELL
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: CON EDISON
Spiller Address: 4 IRVING PLACE
NEW YORK, NY 10003

Amount Spilled 1: Not reported
Resource Affected: On Land
Spill Source: Other Commercial/Industrial
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: Not reported

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: Not Closed
Spill Notifier: Responsible Party

PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

MANHOLE #4817 (Continued)

S104195178

Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 02/09/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/17/1999
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Remark: 1GAL UNK OIL ON 200GAL OF WATER - CASE 127872 - CONTAINED - SAMPLE TAKE
N
DEC Remarks: Not reported

C13 RADAIC CORPORATION
ENE 271 KENT AVE
< 1/8 BROOKLYN, NY
458 ft.

NY Spills S104195429
N/A

Site 1 of 3 in cluster C

Relative:
Higher

Actual:
20 ft.

SPILLS:

Spill Number: 9907510
Spill Date: 09/09/1999 00:00
ID: Not reported
Date Call Received: Not reported
Region Close Date : Not reported
Material Spilled 1 :Not reported
Spill Cause: Other
Water Affected: Not reported
Facility Contact: THOMAS BLATT
Investigator: TOMASELLO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS : Not reported

Region of Spill: 2
Reported to Dept: 09/22/1999 11:18

Amount Spilled 1 : Not reported
Resource Affected: Air
Spill Source: Other Commercial/Industrial
Facility Tele: (718) 838-6082
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADAIC CORPORATION (Continued)

S104195429

Spiller Contact: Not reported Spiller Phone: (718) 963-2233
Spiller: RADAIC CORPORATION
Spiller Address: 271 KENT AVE
BROOKLYN, NY
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: Not Closed
Spill Notifier: Affected Persons PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 02/09/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/22/1999
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 4
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN MATERIAL
Class Type: Unknown
Chem Abstract Service Number: UNKNOWN MATERIAL
Last Date: 11/09/1994
Num Times Material Entry In File: 9140
Remark: caller states that the above company began releasing an unknown material
from a roof vent - material smells like an insecticide - business stores
have hazardous waste radio active waste - company also goes by another name w
hich caller is unsure of however both are on same site - caller would li
ke info regarding this spill
DEC Remarks: COPY OF SPILL REPORT GIVEN TO AIR UNIT 9/22/99.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

14
 NE
 < 1/8
 460 ft.

**EAST RIVER -GRAND STREET
 EAST RIVER AT GRAND AVE
 BROOKLYN, NY**

NY Spills S102148906
 N/A

Relative:
 Higher

Actual:
 11 ft.

SPILLS:

Spill Number: 9409786
 Spill Date: 10/21/1994 11:50
 ID: Not reported
 Date Call Received: Not reported
 Region Close Date: Not reported
 Material Spilled 1: Not reported
 Spill Cause: Unknown
 Water Affected: EAST RIVER
 Facility Contact: Not reported
 Investigator: TANG
 Caller Name: Not reported
 Caller Phone: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 PBS: Not reported
 Spiller Contact: Not reported
 Spiller: UNKNOWN
 Spiller Address: Not reported
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 03/31/1995
 Spill Notifier: Citizen
 Cleanup Ceased: 03/31/1995
 Last Inspection: Not reported
 Cleanup Meets Standard: True
 Recommended Penalty: Penalty Not Recommended
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: 03/31/1995
 Is Updated: False
 Corrective Action Plan Submitted: Not reported
 Date Spill Entered in Computer Data File: 12/01/1994
 Date Region Sent Summary to Central Office: Not reported
 True Date: Not reported
 Tank Test:
 PBS Number: Not reported
 Tank Number: Not reported
 Test Method: Not reported
 Capacity of Failed Tank: Not reported
 Leak Rate Failed Tank: Not reported
 Gross Leak Rate: Not reported
 Material:
 Material Class Type: 1
 Quantity Spilled: -1
 Units: Not reported
 Unknown Qty Spilled: -1
 Quantity Recovered: 0
 Unknown Qty Recovered: True
 Material: DIESEL
 Class Type: Petroleum
 Chem Abstract Service Number: DIESEL

Region of Spill: 2
 Reported to Dept: 10/21/1994 12:00

Amount Spilled 1: Not reported
 Resource Affected: Surface Water
 Spill Source: Unknown
 Facility Tele: Not reported
 SWIS: 61
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Agency: Not reported
 Notifier Extension: Not reported
 Spiller Phone: Not reported

PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

EAST RIVER -GRAND STREET (Continued)

S102148906

Last Date: 07/28/1994
Num Times Material Entry In File: 10625
Remarks: REFER TO SPDES AND DEP HAZMAT
DEC Remarks: 10/10/95: This is additional information about material spilled from the translation of the old spill file: LIME GREEN SUBSTANCE.

D15
ENE
< 1/8
562 ft.

**RADIAC RESEARCH CORPORATION
261 KENT AVENUE
BROOKLYN, NY 11211**

RCRIS-SQG 1000245436
FINDS NYD986902138

Relative:
Higher

Actual:
20 ft.

Site 1 of 3 in cluster D

RCRIS:
Owner: JOHN V TEKIN, ELLERY K FOLEY, A F GREEN
(212) 555-1212
EPA ID: NYD986902138
Contact: FRANCIS J JR MCKENNA
(718) 963-2233

Classification: Small Quantity Generator
TSDf Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS/AIRS Facility Subsystem (AIRS/AFS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
South Carolina Environmental Facility Information System (SC-EFIS)

D16
ENE
< 1/8
562 ft.

**D61 KENT AVE. BKLYNRADIA
261 KENT AVE.
NEW YORK CITY, NY**

LTANKS S100166970
N/A

Relative:
Higher

Actual:
20 ft.

Site 2 of 3 in cluster D

LTANKS:
Spill Number: 8605975
Spill Date: 12/19/1986 15:00
ID: Not reported
Material Spilled 1: Not reported
Region Close Dt: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported
Facility Contact: Not reported
Investigator: Not reported
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: RADIAC RESEARCH
Spiller Address: 261 KENT AVE.
BROOKLYN, NY

Region of Spill: 2
Reported to Dept: 12/20/1986 10:10
Date Call Received: Not reported
Amount Spilled 1: Not reported

Spill Source: Other Commercial/Industrial
Facility Tele: Not reported
SWIS: 81
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 632-33

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s) EDR ID Number
 EPA ID Number

RADIAC ENVIRONMENTAL SERVICES (Continued)

S103613679

Facility Status:	Active
Type of Generator:	Not reported
Company Name:	Radiac Research Corporation
Facility County:	Not reported
TNRCC Region:	Not reported
TNRCC Facility ID :	Not reported
Site Owner Tax ID :	Not reported
Site Location Lat/Long :	Not reported
Last Update to NOR Data :	Not reported
Ind. waste permit # :	Not reported
Mun waste permit # :	Not reported
Non Notifier :	Not reported
Facility is STEERS Reporter :	Not reported
Fac Req to Submit Annual Waste Summary Rpt :	Not reported
Facility Involved In Recycling:	Not reported
Mailing Address:	261 Kent Avenue Brooklyn, NY 11211
Mailing County:	USA
Mailing Add 3:	Not reported
Contact:	Joe Mahal
Contact Telephone Number:	718-963-2233
Registration Number:	84404
Year:	2000
Registration Initial Notification Date:	03/19/1996
Registration Last Amendment Date:	02/13/2001
EPA Identification:	NYD049178296
TNRCC Permit Number:	103438
Description of Facility Site Location:	33 S 1st Street, Brooklyn, NY
Site Primary Standard Industrial Code:	42130
	Trucking, Except Local
	Trans. & Utilities
	Trucking, Except Local
	Trans. & Utilities
	Trucking, Except Local
	Trans. & Utilities
	Trucking, Except Local
	Trans. & Utilities
	Trucking, Except Local
	Trans. & Utilities
Registration is a Generator of Waste:	No
Registration is a Receivers of Waste:	No
Registration is a Transporter of Waste:	Yes
Registration is a Transfer Facility:	No
Mexican Facility:	Does not represent a Maquiladora (Mexican Facility)
Facility Status:	Active
Type of Generator:	Not reported
Company Name:	Radiac Research Corporation
Facility County:	Not reported
TNRCC Region:	Not reported
TNRCC Facility ID :	103438
Site Owner Tax ID :	Not reported
Site Location Lat/Long :	Not reported
Last Update to NOR Data :	20010220
Ind. waste permit # :	Not reported
Mun waste permit # :	Not reported
Non Notifier :	No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADIAC ENVIRONMENTAL SERVICES (Continued)

S103613679

Facility is STEERS Reporter : No
Fac Req to Submit Annual Waste Summary Rpt : No
Facility Involved In Recycling: No
Mailing Address: 261 Kent Avenue
Brooklyn, NY 11211
Mailing County: USA
Mailing Add 3: Not reported
Contact: Joe Mahal
Contact Telephone Number: 718-963-2233

Registration Number: 84404
Year: 2001
Registration Initial Notification Date: 03/19/1996
Registration Last Amendment Date: 02/13/2001
EPA Identification: NYD049178296
TNRCC Permit Number: 103438
Description of Facility Site Location: 33 S 1st Street, Brooklyn, NY
Site Primary Standard Industrial Code: 42130
Trucking, Except Local
Trans. & Utilities

Registration is a Generator of Waste: No
Registration is a Receivers of Waste: No
Registration is a Transporter of Waste: Yes
Registration is a Transfer Facility: No
Mexican Facility: Does not represent a Maquiladora (Mexican Facility)
Facility Status: Active
Type of Generator: Not reported
Company Name: Radiac Research Corporation
Facility County: Not reported
TNRCC Region: Not reported
TNRCC Facility ID : 103438
Site Owner Tax ID : Not reported
Site Location Lat/Long : Not reported
Last Update to NOR Data : 20010220
Ind. waste permit # : Not reported
Mun waste permit # : Not reported
Non Notifier : No
Facility is STEERS Reporter : No
Fac Req to Submit Annual Waste Summary Rpt : No
Facility Involved In Recycling: No
Mailing Address: 261 Kent Avenue
Brooklyn, NY 11211
Mailing County: USA
Mailing Add 3: Not reported
Contact: Joe Mahal
Contact Telephone Number: 718-963-2233

Registration Number: 84404
Year: 2002

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADIAC ENVIRONMENTAL SERVICES (Continued)

S103613679

Registration Initial Notification Date: 03/19/1996
Registration Last Amendment Date: 02/13/2001
EPA Identification: NYD049178296
TNRCC Permit Number: 103438
Description of Facility Site Location: 33 S 1st Street, Brooklyn, NY
Site Primary Standard Industrial Code: 42130
Trucking, Except Local
Trans. & Utilities
Registration is a Generator of Waste: No
Registration is a Receivers of Waste: No
Registration is a Transporter of Waste: Yes
Registration is a Transfer Facility: No
Mexican Facility: Does not represent a Maquiladora (Mexican Facility)
Facility Status: Active
Type of Generator: Not reported
Company Name: Radiac Research Corporation
Facility County: Not reported
TNRCC Region: Not reported
TNRCC Facility ID : 103438
Site Owner Tax ID : Not reported
Site Location Lat/Long : Not reported
Last Update to NOR Data : 20010220
Ind. waste permit # : Not reported
Mun waste permit # : Not reported
Non Notifier : No
Facility is STEERS Reporter : No
Fac Req to Submit Annual Waste Summary Rpt : No
Facility Involved In Recycling: No
Mailing Address: 261 Kent Avenue
Brooklyn, NY 11211
USA
Mailing County: Not reported
Mailing Add 3: Not reported
Contact: Joe Mahal
Contact Telephone Number: 718-963-2233
Registration Number: 84404
Year: 98-99
Registration Initial Notification Date: 03/19/1996
Registration Last Amendment Date: Not reported
EPA Identification: NYD049178296
TNRCC Permit Number: Not reported
Description of Facility Site Location: 33 S 1st Street, Brooklyn, NY
Site Primary Standard Industrial Code: Not reported
Registration is a Generator of Waste: No
Registration is a Receivers of Waste: No
Registration is a Transporter of Waste: Yes
Registration is a Transfer Facility: No
Mexican Facility: Does not represent a Maquiladora (Mexican Facility)
Facility Status: Active

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s) EDR ID Number
 EPA ID Number

RADIAC ENVIRONMENTAL SERVICES (Continued)

S103613679

Type of Generator: Not reported
 Company Name: Radiac Research Corporation
 Facility County: Not reported
 TNRCC Region: Not reported
 TNRCC Facility ID : Not reported
 Site Owner Tax ID : Not reported
 Site Location Lat/Long : Not reported
 Last Update to NOR Data : Not reported
 Ind. waste permit # : Not reported
 Mun waste permit # : Not reported
 Non Notifier : Not reported
 Facility is STEERS Reporter : Not reported
 Fac Req to Submit Annual Waste Summary Rpt : Not reported
 Facility Involved In Recycling: Not reported
 Mailing Address: 261 Kent Avenue
 Brooklyn, NY 11211
 Mailing County: USA
 Mailing Add 3: Not reported
 Contact: Joe Mahal
 Contact Telephone Number: 718-963-2233

The TX IHW database may contain additional details for this site.
 Please click here or contact your EDR Account Executive for more information.

C18 RADIAC RESEARCH CORP
ENE 33 S FIRST ST
< 1/8 BROOKLYN, NY 11211
576 ft.

PADS 1000245435
RCRIS-SQG NYD049178296
RCRIS-TSD
FINDS
CORRACTS

Relative:
Higher

Site 3 of 3 in cluster C

CORRACTS Data:

Actual:
26 ft.

EPA Id: NYD049178296
 Region: 2
 Area Name: SITEWIDE
 Actual Date: 11/29/1985
 Corrective Action: CA050 - RFA Completed
 2002 NAICS Title: Hazardous Waste Treatment and Disposal

EPA Id: NYD049178296
 Region: 2
 Area Name: SITEWIDE
 Actual Date: 02/10/1993
 Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
 2002 NAICS Title: Hazardous Waste Treatment and Disposal

RCRIS Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
 Event Date: 02/10/1993
 Event: RFA Completed
 Event Date: 11/29/1985

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

RCRIS:
 Owner: JOHN TEKIN, ARTHUR F GREEN, KEITH FOLEY
 (718) 963-2233
 EPA ID: NYD049178296
 Contact: JOE MAHAL
 (718) 963-2233

Classification: TSD
 TSDF Activities: Not reported

BIENNIAL REPORTS:
 Last Biennial Reporting Year: 2001

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	0.00	D002	0.00
D004	0.00	D005	0.00
D007	0.00	D008	0.00
D009	0.00	D011	0.00
D018	0.00	D022	0.00
D038	0.00	D039	0.00
D040	0.00	F002	0.00
F003	0.00	F005	0.00
U080	0.00	U188	0.00

Violation Status: Violations exist

Regulation Violated: Not reported
 Area of Violation: TRANSPORTER ROAD INSPECTION
 Date Violation Determined: 05/08/2001
 Actual Date Achieved Compliance: 06/21/2001

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/27/1985
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/08/2002
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 03/28/2000
 Actual Date Achieved Compliance: 09/08/2000

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/08/2000
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: TSD-LAND BAN REQUIREMENTS
 Date Violation Determined: 03/28/2000
 Actual Date Achieved Compliance: 09/08/2000

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/08/2000
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 09/27/1999
 Actual Date Achieved Compliance: 04/04/2000

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Enforcement Action Date: 02/15/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 09/27/1999
Actual Date Achieved Compliance: 04/04/2000

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/15/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 6nycrr373-2.3(d) & Permit Cond
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/26/1999
Actual Date Achieved Compliance: 08/13/1999

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/27/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/26/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 04/20/1999
Actual Date Achieved Compliance: 04/04/2000

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/23/1999
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 04/20/1999
Actual Date Achieved Compliance: 04/04/2000

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/23/1999
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 04/04/2000
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/27/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Final Monetary Penalty
Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 04/04/2000
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/27/1998
Penalty Type: Proposed Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/26/1999
Penalty Type: Proposed Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Proposed Monetary Penalty
Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 04/28/1997
Actual Date Achieved Compliance: 04/04/2000
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/02/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Final Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 04/28/1997
Actual Date Achieved Compliance: 04/04/2000

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1997
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/02/1997
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Final Monetary Penalty

Regulation Violated: 40CFR265.16(d)(4) & (e)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 06/28/1996
Actual Date Achieved Compliance: 07/08/1996

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/1994
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Regulation Violated: 6nycr373-2.5(d)(1), 373-2.2(h)
Area of Violation: TSD-PART B APPLICATION
Date Violation Determined: 06/28/1996
Actual Date Achieved Compliance: 07/08/1996

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1997
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/27/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Penalty Type: Final Monetary Penalty
Regulation Violated: 6NYCRR373-2.2(g)(2) & (4)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 06/28/1996
Actual Date Achieved Compliance: 12/17/1997
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/02/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Final Monetary Penalty
Regulation Violated: 40cfr265.32(c)and 265.33
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 06/28/1996
Actual Date Achieved Compliance: 07/08/1996
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
- Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 10/02/1997
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/04/2000
Penalty Type: Final Monetary Penalty
Regulation Violated: 6NYCRR 376.5(a)(1)(ii)(a)
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 06/07/1995
Actual Date Achieved Compliance: 07/08/1996
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1990
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/28/1991
Penalty Type: Final Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Regulation Violated: 6NYCRR373-2.3(f)
Area of Violation: TSD-PREPAREDNESS/PREVENTION REQUIREMENTS
Date Violation Determined: 06/07/1995
Actual Date Achieved Compliance: 07/08/1996

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/1994
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Regulation Violated: 6NYCRR373-2.2(h)(5)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 06/07/1995
Actual Date Achieved Compliance: 04/17/1996

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/1994
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-MANIFEST REQUIREMENTS
Date Violation Determined: 12/16/1994
Actual Date Achieved Compliance: 01/30/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/1994
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 12/16/1994
Actual Date Achieved Compliance: 05/17/1995

Enforcement Action: WRITTEN INFORMAL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Enforcement Action Date: 12/16/1994
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/16/1994
Actual Date Achieved Compliance: 05/17/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/1994
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/01/1991
Actual Date Achieved Compliance: 01/30/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1990
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/28/1991
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/05/1997
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/21/1990
Actual Date Achieved Compliance: 05/28/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1990
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 05/28/1991
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/28/1996
Penalty Type: Final Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	03/05/1997
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/26/1990
Actual Date Achieved Compliance:	01/30/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/20/1990
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	05/28/1991
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/20/1990
Actual Date Achieved Compliance:	05/28/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/20/1990
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	05/28/1991
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/11/1990
Actual Date Achieved Compliance:	09/24/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/11/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/19/1986
Actual Date Achieved Compliance:	09/30/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/19/1986
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	05/15/1986
Actual Date Achieved Compliance:	08/20/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/15/1986
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/02/1986
Actual Date Achieved Compliance:	07/11/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/02/1986

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Penalty Type: Not reported
 Regulation Violated: Not reported
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 07/31/1984
 Actual Date Achieved Compliance: 07/12/1985
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/27/1985
 Penalty Type: Not reported
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/08/2002
 Penalty Type: Not reported

Penalty Summary: Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	4/4/2000	20000	STATE
Proposed Monetary Penalty	2/15/2000	20000	STATE
Proposed Monetary Penalty	10/27/1998	24995	STATE
Proposed Monetary Penalty	10/2/1997	1200	STATE
Final Monetary Penalty	4/11/1997	12000	EPA
Final Monetary Penalty	3/5/1997	12100	EPA
Final Monetary Penalty	5/28/1991	40000	STATE

There are 30 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
CDI	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19850712
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000908
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	20000908
	TSD-LAND BAN REQUIREMENTS	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-LAND BAN REQUIREMENTS	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-LAND BAN REQUIREMENTS	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-LAND BAN REQUIREMENTS	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19990813
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	20000404
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-LAND BAN REQUIREMENTS	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-LAND BAN REQUIREMENTS	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-LAND BAN REQUIREMENTS	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-LAND BAN REQUIREMENTS	20000404
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
	TSD-LAND BAN REQUIREMENTS	20000404
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20000404
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19960708
RCRA CEI done W/ Screening Checklist	TSD-GENERAL STANDARDS	19960708
	TSD-GENERAL STANDARDS	19971217
	TSD-PART B APPLICATION	19960708
	TSD-CONTAINERS REQUIREMENTS	19960708
	TSD-GENERAL STANDARDS	19960417

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s) EDR ID Number
 EPA ID Number

RADIAC RESEARCH CORP (Continued)

1000245435

Compliance Evaluation Inspection	TSD-PREPAREDNESS/PREVENTION REQUIREMENTS	19960708
	TSD-CONTAINERS REQUIREMENTS	19960708
	TSD-GENERAL STANDARDS	19960417
Compliance Evaluation Inspection	TSD-PREPAREDNESS/PREVENTION REQUIREMENTS	19960708
	TSD-MANIFEST REQUIREMENTS	19950130
	TSD-LAND BAN REQUIREMENTS	19950517
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19950517
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920130
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910528
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910528
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920130
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900924
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19860930
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19860820
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19860711
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19850712

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

CT MANIFEST

Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Integrated Compliance Information System (ICIS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

D19
NE
 < 1/8
 590 ft.

KENT ASSOCIATES
259 KENT AVENUE
BROOKLYN, NY 11211

UST U001833477
N/A

Site 3 of 3 in cluster D

Relative:
Higher

Actual:
 20 ft.

PBS UST:

PBS Number: 2-273465

CBS Number: Not reported

SPDES Number: Not reported

SWIS ID: 6101

Operator: ARTHUR F GREEN
 (718) 963-2233

Emergency Contact: ARTHUR F GREEN
 (201) 783-7029

Total Tanks: 0

Owner: KENT ASSOCIATES
 259 KENT AVENUE
 BROOKLYN, NY 11211
 (718) 963-2233

Owner Type: Not reported

Owner Mark: First Owner

Owner Subtype: Not reported

Mailing Address: KENT ASSOCIATES
 259 KENT AVENUE
 BROOKLYN, NY 11211
 (718) 963-2233

Tank Status: Closed Prior to 04/91 (Either Closed In-Place or Removed)

Capacity (gals): 550

Tank Location: UNDERGROUND

Tank Id: 001

Install Date: Not reported

Tank Type: Steel/carbon steel

Product Stored: UNLEADED GASOLINE

Tank Internal: Not reported

Pipe Internal: Not reported

Pipe Location: 1

Pipe Type: STEEL/IRON

Tank External: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EPA ID Number
EDR ID Number

KENT ASSOCIATES (Continued)

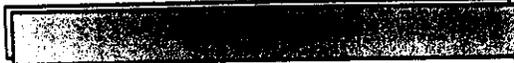
U001833477

Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 2
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS Number: 2-273465
SPDES Number: Not reported
Operator: ARTHUR F GREEN
(718) 963-2233
Emergency Contact: ARTHUR F GREEN
(201) 783-7029
Total Tanks: 0
Owner: KENT ASSOCIATES
259 KENT AVENUE
BROOKLYN, NY 11211
(718) 963-2233
Owner Type: Not reported
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: KENT ASSOCIATES
259 KENT AVENUE
BROOKLYN, NY 11211
(718) 963-2233
Tank Status: Closed Prior to 04/91 (Either Closed In-Place or Removed)
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 002
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: 1
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 2
Date Tested: Not reported
Date Closed: Not reported

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: False
Owner Screen: Minor data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: Minor data missing
Certification Date: 10/23/1987
Expiration Date: 10/23/1992
Inspector: Not reported
CBS Number: Not reported
SWIS ID: 6101
Install Date: Not reported
Product Stored: UNLEADED GASOLINE
Pipe Internal: Not reported
Pipe Type: STEEL/IRON
Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

KENT ASSOCIATES (Continued)

U001833477

Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct	Renewal Date:	Not reported
Total Capacity:	0	Federal ID:	Not reported
Tank Screen:	Minor data missing	Facility Screen:	Minor data missing
Renew Flag:	Renwal has not been printed	Certification Date:	10/23/1987
Certification Flag:	False	Expiration Date:	10/23/1992
Old PBS Number:	Not reported	Inspector:	Not reported
Inspected Date:	Not reported		
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ARTHUR F GREEN (718) 963-2233		
Emergency Contact:	ARTHUR F GREEN (201) 783-7029		
Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND	Install Date:	Not reported
Tank Id:	003	Product Stored:	DIESEL
Tank Type:	Steel/carbon steel	Pipe Internal:	Not reported
Tank Internal:	Not reported	Pipe Type:	STEEL/IRON
Pipe Location:	1		
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE	Dispenser:	Suction
Overfill Prot:	2	Next Test Date:	Not reported
Date Tested:	Not reported	Test Method:	Not reported
Date Closed:	Not reported	Updated:	False
Deleted:	False	Owner Screen:	Minor data missing
Dead Letter:	False		
FAMT:	Fiscal amount for registration fee is correct	Renewal Date:	Not reported
Total Capacity:	0	Federal ID:	Not reported
Tank Screen:	Minor data missing	Facility Screen:	Minor data missing
Renew Flag:	Renwal has not been printed	Certification Date:	10/23/1987
Certification Flag:	False		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

KENT ASSOCIATES (Continued)

U001833477

Old PBS Number:	Not reported	Expiration Date:	10/23/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ARTHUR F GREEN (718) 963-2233		
Emergency Contact:	ARTHUR F GREEN (201) 783-7029		
Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE	Dispenser:	Suction
Overfill Prot:	2	Next Test Date:	Not reported
Date Tested:	Not reported	Test Method:	Not reported
Date Closed:	Not reported	Updated:	False
Deleted:	False	Owner Screen:	Minor data missing
Dead Letter:	False		
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	10/23/1987
Old PBS Number:	Not reported	Expiration Date:	10/23/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s) EDR ID Number
 EPA ID Number

KENT ASSOCIATES (Continued)

U001833477

County Code:	61		
Region:	2		
PBS Number:	2-273465	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ARTHUR F GREEN (718) 963-2233		
Emergency Contact:	ARTHUR F GREEN (201) 783-7029		
Total Tanks:	0		
Owner:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	KENT ASSOCIATES 259 KENT AVENUE BROOKLYN, NY 11211 (718) 963-2233		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	005	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	10/23/1987
Old PBS Number:	Not reported	Expiration Date:	10/23/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

This is the most recent NY PBS data for this site.

Map ID
Direction
Distance
Distance (ft.)
Elevation



KENT ASSOCIATES (Continued)

EDR ID Number
EPA ID Number

U001833477

The NY PBS database contains 1 additional record for this site.
Please click here or contact your EDR Account Executive for more information.

E20
ESE
< 1/8
590 ft.

49 SOUTH 2ND STREET
49 SOUTH 2ND STREET
BROOKLYN, NY

NY Spills S104495378
N/A

Site 1 of 6 in cluster E

Relative:
Higher

Actual:
32 ft.

SPILLS:

Spill Number: 9207634
Spill Date: 10/01/1992 13:25
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1: Not reported
Spill Cause: Equipment Failure
Water Affected: EAST RIVER
Facility Contact: Not reported
Investigator: MILLER
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/02/1992
Date Region Sent Summary to Central Office: Not reported
True Date: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 42
Units: Gallons
Unknown Qty Spilled: 42
Quantity Recovered: 0

Region of Spill: 2
Reported to Dept: 10/01/1992 14:19

Amount Spilled 1: Not reported
Resource Affected: On Land
Spill Source: Major Facility 400,000 gallons
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: Not reported

PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

49 SOUTH 2ND STREET (Continued)

S104495376

Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #6 FUEL OIL
Last Date: 07/28/1994
Num Times Material Entry in File: 2190
Remark: NOTICED OIL IN RIVER AND THEN IN TRENCH DURING OFF LOADING OPERATIONS 2/3 TO 3/4 IS CONTAINED AND PETRO TANK CLEANERS HAVE BEEN NOTIFIED FOR CLEANUP 718-624-4842 ISAAC WILL NOTIFY USCA NYC DEP
DEC Remarks: Not reported

E21
ESE
< 1/8
590 ft.

49 S 2ND ST
49 S 2ND ST
BKLYN, NY

NY Spills S102141416
N/A

Site 2 of 6 in cluster E

Relative:
Higher

Actual:
32 ft.

SPILLS:

Spill Number: 9108256
Spill Date: 11/01/1991 12:00
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1: Not reported
Spill Cause: Unknown
Water Affected: EAST RIVER
Facility Contact: Not reported
Investigator: TANG
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Address: Not reported
Spill Class: Not reported
Spill Closed Dt: 10/31/1991
Spill Notifier: Affected Persons
Cleanup Ceased: 10/31/1991
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered in Computer Data File: 11/12/1991
Date Region Sent Summary to Central Office: Not reported
True Date: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported

Region of Spill: 2
Reported to Dept: 11/01/1991 16:10

Amount Spilled 1: Not reported
Resource Affected: Surface Water
Spill Source: Unknown
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: Not reported

PBS Number: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

49 S 2ND ST (Continued)

S102141416

Gross Leak Rate: Not reported
 Material:
 Material Class Type: 1
 Quantity Spilled: -1
 Units: Not reported
 Unknown Qty Spilled: -1
 Quantity Recovered: 0
 Unknown Qty Recovered: False
 Material: UNKNOWN PETROLEUM
 Class Type: Petroleum
 Chem Abstract Service Number: UNKNOWN PETROLEUM
 Last Date: 09/29/1994
 Num Times Material Entry In File: 16414
 Remark: INTERMITTENT. NOTICED AT RIVER DOCK SITE, AT HIGH TIDE. MAY BE COMING FROM UNDER DOCK.
 DEC Remarks: // : SINCE PROBLEM IS MORE PRONOUNCED DURING HIGH TIDE, CAUSE IS ATTRIBUTED TO GABAGE AND OIL CONTAMINATED DEBRIS BEING THROWN INTO RIVER. 10/10/95: This is additional information about material spilled from the translation of the old spill file: OIL SHEEN.

E22
 ESE
 < 1/8
 590 ft.

DOMINO SUGAR CORP.-BROOKLYN REFINERY
 49 SOUTH 2ND STREET
 BROOKLYN, NY 11211

CBS AST S102141735
 N/A

Site 3 of 6 in cluster E

Relative:
 Higher
 Actual:
 32 ft.

CBS AST:
 CBS Number: 2-000194 Telephone: (718) 387-6800
 Owner: TATE & LYLE NORTH AMERICAN SUGARS, INC.
 1114 AVENUE OF THE AMERICAS
 NEW YORK, NY 10036
 (212) 789-9700
 Facility Status: Active
 Total Tanks: 0
 Tank Status: 0
 Tank Error Status: No Missing Data
 Tank Location: Aboveground
 Install Date: 12/50
 Capacity (Gal): 560
 Tank Type: Steel/carbon steel
 Substance: Single Hazardous Substance on DEC List
 Extnl Protection: None
 Intrnl Protection: None
 Tank Containment: None
 Pipe Type: STEEL/IRON Pipe Location: Aboveground
 Pipe Internal: None
 Pipe External: None
 Pipe Containment: None Haz Percent: 100
 Leak Detection: None
 Overfill Protection: Not reported
 Chemical: Sodium hydroxide
 Tank Closed: 00/00
 PBS Number: Not reported SWIS Code: 6101
 Federal ID: Not reported
 MOSF Number: 2-2440 CAS Number: 1310732
 SPDES Number: 0-008443 ICS Number: 2-177752
 Facility Type: Manufacturing
 Operator: LAEL J. PAULSON Facility Town: NEW YORK CITY
 Emrgncy Contact: LAEL PAULSON Emrgncy Phone: (718) 387-8807

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

DOMINO SUGAR CORP.-BROOKLYN REFINERY (Continued)

8102141735

Certified Date: 01/23/1998 Expiration Date: 01/19/2000
 Owner type: Corporate/Commercial
 Owner Sub Type: Not reported
 Mail Name: TATE & LYLE NORTH AMERICAN SUGARS, INC.
 Mail Contact: LAEL J. PAULSON
 49 SOUTH 2 STREET
 BROOKLYN, NY 11211
 Mail Phone: (718) 387-6800
 Tank Secret: False Date Entered: 01/18/1990 07:49:09
 Last Test: Not reported Due Date: Not reported
 Pipe Flag: False Owner Mark: 1
 Renew Date: 10/04/93 Date Expired: 01/18/94
 Is it There: False Is Updated: False
 Owner Status: F
 Certificate Needs to be Printed: False
 Fiscal Amt for Registration Fee Correct: True
 Renewal Has Been Printed for Facility: True
 Total Capacity of All Active Tanks(gal): No
 Unique Tank Id Number: CAU02
 Date Pre-Printed Renewal App Form Was Last Printed: 09/30/1999

E23
 ESE
 < 1/8
 594 ft.

TATE & LYLE NORTH AMERICAN SUGAR INC.-BR
49 SOUTH SECOND STREET
NEW YORK, NY 11211

MOSF UST 1003881565
 N/A

Site 4 of 6 in cluster E

Relative:
 Higher
 Actual:
 32 ft.

MOSF UST:
 Facility ID: 2-2440 Facility Status: ACTIVE FACILITY
 SWIS Code: 61 Facility Town: BROOKLYN
 Tank Status: In Service Federal Id No: Not reported
 Operator: MICHAEL TODD Contact Phone: (718) 387-6800
 Owner: TATE & LYLE NORTH AMERICAN SUGARS INC.
 49 SOUTH 2ND STREET
 BROOKLYN, NY 11211
 Owner Tel: (718) 387-6800 Owner Type: UNDEFINED
 Mail To: TATE & LYLE NORTH AMERICAN SUGARS INC.
 49 SOUTH 2 STREET
 BROOKLYN, NY 11211
 ATTN: MICHAEL TODD
 (718) 387-6800
 Owner Status: 1 COI Date: / /
 Legal Agent: C.T. CORPORATION SYSTEM
 1633 BROADWAY
 NEW YORK, NY 10017
 Date Filed: 08/87 CBS Number: 2-000194
 Emerg Contact: LAEL J. PAULSON, (718) 387-6800
 SPDES Num: 0-008443
 Total Tanks: 6 Total Capacity: 402608
 Tank Status: In Service
 Status of Data: Complete License Stat: Issued
 Avg Throughput: 0 Expiration Date: 03/31/2006
 License Issued: 04/01/2001
 Facility Type: Other
 Transfer Operation: Tank Truck
 Applic Rcvd: 01/05/2001 Tank ID: 001
 Tank Location: Underground Capacity (Gal): 200754
 Install Date: 01/50 Tank Internal: None
 Product: Nos. 5, or 6 Fuel Oil

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

TATE & LYLE NORTH AMERICAN SUGAR INC.-BR (Continued)

1003881565

Tank Type:	Steel/carbon steel	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating	Dispenser:	Suction
Pipe Location:	Aboveground/Underground Combination	Date Closed:	Not reported
Pipe Internal:	None	Operator Name:	MICHAEL TODD
Pipe External:	None	Operator Name:	MICHAEL TODD
Second Contain:	None	License Issued:	04/01/2001
Leak Detection:	Other	Renew Date:	11/27/2000
Overfill Protection:	None	Renew Flag:	True
Test Date:	Not reported	Facility Status:	ACTIVE FACILITY
Lat/Long:	40 42 52 / 73 58 07	Facility Town:	BROOKLYN
Inspected Date:	03/09/1998	Federal Id No:	Not reported
Inspector Initials:	AS	Contact Phone:	(718) 387-6800
Owner Mark:	1	Owner Type:	UNDEFINED
Prod Xfer Options:	A	Owner Status:	1
Inspector Status:	Not reported	Legal Agent:	C.T. CORPORATION SYSTEM
Vessel Id:	Not reported	Date Filed:	08/87
Pipe Flag:	True	Emerg Contact:	LAEL J. PAULSON, (718) 387-6800
Facility ID:	2-2440	SPDES Num:	0-008443
SWIS Code:	61	Total Tanks:	6
Tank Status:	In Service	Tank Status:	In Service
Operator:	MICHAEL TODD	Status of Data:	Complete
Owner:	TATE & LYLE NORTH AMERICAN SUGARS INC.	Avg Throughput:	0
Owner Tel:	(718) 387-6800	License Issued:	04/01/2001
Mail To:	TATE & LYLE NORTH AMERICAN SUGARS INC.	Facility Type:	Other
	49 SOUTH 2ND STREET	Transfer Operation:	Tank Truck
	BROOKLYN, NY 11211	Applic Rcvd:	01/05/2001
	ATTN: MICHAEL TODD	Tank Location:	Underground
	(718) 387-6800	Install Date:	01/50
		Product:	Nos. 5, or 6 Fuel Oil
		Tank Type:	Steel/carbon steel
		Tank External:	Painted/Asphalt Coating
		Pipe Location:	Aboveground/Underground Combination
		Pipe Internal:	None
		Pipe External:	None
		Second Contain:	None
		Leak Detection:	Other
		Overfill Protection:	None
		Pipe Type:	STEEL/IRON
		Dispenser:	Suction
		Tank ID:	002
		Capacity (Gal):	200754
		Tank Internal:	None
		CBS Number:	2-000194
		Total Capacity:	402608
		License Stat:	Issued
		Expiration Date:	03/31/2006
		COI Date:	/ /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

TATE & LYLE NORTH AMERICAN SUGAR INC.-BR (Continued)

1003881565

Test Date:	Not reported	Date Closed:	Not reported
Lat/Long:	40 42 52 / 73 58 07		
Inspected Date:	03/09/1998		
Inspector Initials:	AS	Operator Name:	MICHAEL TODD
Owner Mark:	1	Operator Name:	MICHAEL TODD
Prod Xfer Options:	A	License Issued:	04/01/2001
Inspector Status:	Not reported	Renew Date:	11/27/2000
Vessel Id:	Not reported	Renew Flag:	True
Pipe Flag:	True		
Facility ID:	2-2440	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	BROOKLYN
Tank Status:	In Service	Federal Id No	Not reported
Operator:	MICHAEL TODD	Contact Phone:	(718) 387-6800
Owner:	TATE & LYLE NORTH AMERICAN SUGARS INC. 49 SOUTH 2ND STREET BROOKLYN, NY 11211	Owner Type:	UNDEFINED
Owner Tel:	(718) 387-6800		
Mail To:	TATE & LYLE NORTH AMERICAN SUGARS INC. 49 SOUTH 2 STREET BROOKLYN, NY 11211 ATTN: MICHAEL TODD (718) 387-6800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORPORATION SYSTEM 1633 BROADWAY NEW YORK, NY 10017		
Date Filed:	08/87	CBS Number:	2-000194
Emerg Contact:	LAEL J. PAULSON, (718) 387-6800		
SPDES Num:	0-008443	Total Capacity:	402608
Total Tanks:	6		
Tank Status:	In Service	License Stat:	Issued
Status of Data:	Complete	Expiration Date:	03/31/2006
Avg Throughput:	0		
License Issued:	04/01/2001	Tank ID:	D003
Facility Type:	Other	Capacity (Gal):	2888
Transfer Operation:	Tank Truck	Tank Internal:	None
Applic Rcvd:	01/05/2001		
Tank Location:	Underground	Pipe Type:	STEEL/IRON
Install Date:	01/50	Dispenser:	Suction
Product:	Nos. 1, 2, or 4 Fuel Oil		
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Pipe Location:	Aboveground/Underground Combination		
Pipe Internal:	None		
Pipe External:	None		
Second Contain:	None		
Leak Detection:	Other		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	UNKWN
Lat/Long:	40 42 52 / 73 58 07		
Inspected Date:	03/09/1998		
Inspector Initials:	AS	Operator Name:	MICHAEL TODD
Owner Mark:	1	Operator Name:	MICHAEL TODD
Prod Xfer Options:	A	License Issued:	04/01/2001
Inspector Status:	Not reported	Renew Date:	11/27/2000
Vessel Id:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation



TATE & LYLE NORTH AMERICAN SUGAR INC.-BR (Continued)

EDR ID Number
EPA ID Number

1003881585

Pipe Flag: True Renew Flag: True

E24 49 SO. 2ND STREET
ESE 49 SO. 2ND STREET
< 1/8 BROOKLYN, N.Y., NY
594 ft.

NY Spills S102148156
N/A

Site 5 of 6 in cluster E

Relative:
Higher

Actual:
32 ft.

SPILLS:

Spill Number: 9401105 Region of Spill: 2
Spill Date: 04/22/1994 13:20 Reported to Dept: 04/22/1994 13:50
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1: Not reported Amount Spilled 1: Not reported
Spill Cause: Human Error Resource Affected: Surface Water
Water Affected: EXIT RIVER Spill Source: Railroad Car
Facility Contact: Not reported Facility Tele: Not reported
Investigator: MARTINKAT SWIS: 61
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
PBS: Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: POPI BULK CARGO VESSEL
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 04/22/1994
Spill Notifier: Affected Persons PBS Number: Not reported
Cleanup Ceased: 04/22/1994
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered in Computer Data File: 04/27/1994
Date Region Sent Summary to Central Office: Not reported
True Date: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 30
Units: Gallons
Unknown Qty Spilled: 30
Quantity Recovered: 0
Unknown Qty Recovered: False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

49 SO. 2ND STREET (Continued)

S102148156

Material: UNKNOWN PETROLEUM
 Class Type: Petroleum
 Chem Abstract Service Number: UNKNOWN PETROLEUM
 Last Date: 09/29/1994
 Num Times Material Entry In File: 16414
 Remarks: HEIST SLIPPED
 DEC Remarks: Not reported

**E25
 ESE
 < 1/8
 603 ft.**

**TATE & LYLE NORTH AMERICAN SUGAR INC.-BR
 49 SOUTH SECOND STREET
 NEW YORK, NY 11211**

**MOSF AST S104491021
 N/A**

Site 6 of 6 in cluster E

**Relative:
 Higher**

**Actual:
 33 ft.**

MOSF AST:
 MOSF Number: 2-2440 Telephone: (718) 387-6800
 Federal ID: Not reported
 Facility Type: Other
 Facility Status: ACTIVE FACILITY
 Tank Status: In Service
 Owner: TATE & LYLE NORTH AMERICAN SUGARS INC.
 49 SOUTH 2ND STREET
 BROOKLYN, NY 11211
 Owner Tel: (718) 387-6800
 Owner Type: Corporate/Commercial
 Tank Status: In Service Tank ID: 003
 Total Tanks: 6 Daily Throughput 0 Gal(s)
 Tank Location: Aboveground Total Capacity: 402608
 Install Date: 05/87
 Tank Type: Steel/carbon steel
 Tank External: Painted/Asphalt Coating
 Tank Internal: None
 Product: Nos. 1, 2, or 4 Fuel Oil Capacity (gal): 275
 Status of Data: Complete
 Pipe Location: None Pipe Type: NONE
 Pipe Internal: None Dispenser: Suction
 Pipe External: None
 Second Contain: Concrete Dike
 Leak Detection: None
 Overfill Protection: Product Level Gauge
 Test Date: Not reported Date Closed: Not reported
 Dispensing Mthd: Suction
 SWIS Code: 61 Facility Town: BROOKLYN
 Mailing Name: TATE & LYLE NORTH AMERICAN SUGARS INC.
 49 SOUTH 2 STREET
 BROOKLYN, NY 11211
 Mailing Contact: MICHAEL TODD
 Mailing Phone: (718) 387-6800
 Pipe Flag: True
 Reserve Flag: True
 Legal Agent: C.T. CORPORATION SYSTEM
 1633 BROADWAY
 NEW YORK, NY 10017
 Date Legal Agent Filed with Secretary of State: 08/87
 Name of Emergency Contact: LAEL J. PAULSON
 Emergency Contact Telephone: (718) 387-6800
 Chemical Bulk Storage Number: 2-000194
 Pollution Discharge Elimination System Num: 0-008443
 License Status: License Issued

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

TATE & LYLE NORTH AMERICAN SUGAR INC.-BR (Continued)

S104491021

Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Operator Name: MICHAEL TODD
Lat/Long: 40|42|52 / 73|58|07
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 03/09/1998
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2006
Renew Date: 11/27/2000
Inspector Initials: AS
COI Date: / /

MOSF Number: 2-2440 Telephone: (718) 387-6800
Federal ID: Not reported
Facility Type: Other
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: TATE & LYLE NORTH AMERICAN SUGARS INC.
49 SOUTH 2ND STREET
BROOKLYN, NY 11211

Owner Tel: (718) 387-6800
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 004
Total Tanks: 6 Daily Throughput 0 Gal(s)
Tank Location: Aboveground Total Capacity: 402608
Install Date: 02/87
Tank Type: Steel/carbon steel
Tank External: Painted/Asphalt Coating
Tank Internal: None Capacity (gal): 275
Product: Other
Status of Data: Complete Pipe Type: NONE
Pipe Location: None Dispenser: Suction
Pipe Internal: None
Pipe External: None
Second Contain: Concrete Dike
Leak Detection: None
Overfill Protection: None
Test Date: Not reported Date Closed: Not reported
Dispensing Mthd: Suction Facility Town: BROOKLYN
SWIS Code: 61
Mailing Name: TATE & LYLE NORTH AMERICAN SUGARS INC.
49 SOUTH 2 STREET
BROOKLYN, NY 11211

Mailing Contact: MICHAEL TODD
Mailing Phone: (718) 387-6800
Pipe Flag: True
Reserve Flag: True
Legal Agent: C.T. CORPORATION SYSTEM
1633 BROADWAY
NEW YORK, NY 10017

Date Legal Agent Filed with Secretary of State: 08/87
Name of Emergency Contact: LAEL J. PAULSON
Emergency Contact Telephone: (718) 387-6800
Chemical Bulk Storage Number: 2-000194

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)

EDR ID Number
EPA ID Number

TATE & LYLE NORTH AMERICAN SUGAR INC.-BR (Continued)

S104491021

Pollution Discharge Elimination System Num: 0-008443
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Operator Name: MICHAEL TODD
Lat/Long: 40|42|52 / 73|58|07
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 03/09/1998
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2006
Renew Date: 11/27/2000
Inspector Initials: AS
COI Date: / /

MOSF Number: 2-2440 Telephone: (718) 387-6800
Federal ID: Not reported
Facility Type: Other
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: TATE & LYLE NORTH AMERICAN SUGARS INC.
49 SOUTH 2ND STREET
BROOKLYN, NY 11211
Owner Tel: (718) 387-6800
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 005
Total Tanks: 6 Daily Throughput 0 Gal(s)
Tank Location: Aboveground Total Capacity: 402608
Install Date: 02/87
Tank Type: Steel/carbon steel
Tank External: Painted/Asphalt Coating
Tank Internal: None
Product: Other Capacity (gal): 275
Status of Data: Complete
Pipe Location: None Pipe Type: NONE
Pipe Internal: None Dispenser: Suction
Pipe External: None
Second Contain: Concrete Dike
Leak Detection: None
Overfill Protection: None
Test Date: Not reported Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: BROOKLYN
Mailing Name: TATE & LYLE NORTH AMERICAN SUGARS INC.
49 SOUTH 2 STREET
BROOKLYN, NY 11211
Mailing Contact: MICHAEL TODD
Mailing Phone: (718) 387-6800
Pipe Flag: True
Reserve Flag: True
Legal Agent: C.T. CORPORATION SYSTEM
1633 BROADWAY
NEW YORK, NY 10017
Date Legal Agent Filed with Secretary of State: 08/87
Name of Emergency Contact: LAEL J. PAULSON

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

TATE & LYLE NORTH AMERICAN SUGAR INC.-BR (Continued)

8104491021

Emergency Contact Telephone: (718) 387-6800
Chemical Bulk Storage Number: 2-000194
Pollution Discharge Elimination System Num: 0-008443
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Operator Name: MICHAEL TODD
Lat/Long: 40|42|52 / 73|58|07
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 03/09/1998
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2006
Renew Date: 11/27/2000
Inspector Initials: AS
COI Date: / /

MOSF Number: 2-2440 Telephone: (718) 387-6800
Federal ID: Not reported
Facility Type: Other
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: TATE & LYLE NORTH AMERICAN SUGARS INC.
49 SOUTH 2ND STREET
BROOKLYN, NY 11211

Owner Tel: (718) 387-6800
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: 006
Total Tanks: 6 Daily Throughput 0 Gal(s)
Tank Location: Aboveground Total Capacity: 402608
Install Date: 01/79
Tank Type: Steel/carbon steel
Tank External: Painted/Asphalt Coating
Tank Internal: None
Product: Nos. 1, 2, or 4 Fuel Oil Capacity (gal): 275
Status of Data: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: None
Second Contain: Concrete Dike
Leak Detection: None
Overfill Protection: Product Level Gauge
Test Date: Not reported Date Closed: Not reported
Dispensing Mthd: Suction Facility Town: BROOKLYN
SWIS Code: 61
Mailing Name: TATE & LYLE NORTH AMERICAN SUGARS INC.
49 SOUTH 2 STREET
BROOKLYN, NY 11211

Mailing Contact: MICHAEL TODD
Mailing Phone: (718) 387-6800
Pipe Flag: True
Reserve Flag: True
Legal Agent: C.T. CORPORATION SYSTEM
1633 BROADWAY
NEW YORK, NY 10017

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

TATE & LYLE NORTH AMERICAN SUGAR INC.-BR (Continued)

S104491021

Date Legal Agent Filed with Secretary of State: 08/87
Name of Emergency Contact: LAEL J. PAULSON
Emergency Contact Telephone: (718) 387-6800
Chemical Bulk Storage Number: 2-000194
Pollution Discharge Elimination System Num: 0-008443
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Operator Name: MICHAEL TODD
Lat/Long: 40|42|52 / 73|58|07
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 03/09/1998
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2006
Renew Date: 11/27/2000
Inspector Initials: AS
COI Date: / /

F26
NE
< 1/8
633 ft.

**RIVER / GRAND ST
BROOKLYN, NY**

NY Spills **S104848878**
N/A

Site 1 of 4 in cluster F

Relative:
Higher

Actual:
9 ft.

SPILLS:

Spill Number: 9900648
Spill Date: 04/16/1999 16:45
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported

Region of Spill: 2
Reported to Dept: 04/16/1999 17:10

Material Spilled 1: Not reported
Spill Cause: Unknown
Water Affected: EAST RIVER
Facility Contact: Not reported
Investigator: TIBBE
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: UNKNOWN
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)

Amount Spilled 1: Not reported
Resource Affected: Surface Water
Spill Source: Other Commercial/Industrial
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: Not reported

Spill Closed Dt: Not Closed
Spill Notifier: Police Department
Cleanup Ceased: Not reported
Last Inspection: Not reported

PBS Number: Not reported

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 04/23/1999

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

(Continued)

S104648878

Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered in Computer Data File: 04/16/1999
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 3
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTEWATER
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: WASTEWATER
Last Date: Not reported
Num Times Material Entry In File: 86
Remark: someone is pressure washing the building everything running off is going into the rock drain park drain - ultimataley going into the east river
DEC Remarks: Not reported

F27 V2032
NE 10-13 GRAND STREET
< 1/8 NEW YORK CITY, NY 11206
648 ft.

RCRIS-SQG 1007207348
NYP004043543

Site 2 of 4 in cluster F
Relative: Higher
Actual: 12 ft.
RCRIS:
Contact: ANTHONY DRUMMINGS
(212) 460-3770
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

F28 GRAND MORGAN REALTY CORP.
NE 10-27 GRAND STREET
< 1/8 BROOKLYN, NY 11011
648 ft.

UST U003790902
N/A

Site 3 of 4 in cluster F
Relative: Higher
Actual: 12 ft.
PBS UST:
PBS Number: 2-806353
SPDES Number: Not reported
Operator: GRND MORGAN REALTY CORP.
(718) 387-0980
Emergency Contact: LAZAR MULLER
(718) 387-0980
Total Tanks: 2
Owner: LAZAR MULLER
CBS Number: Not reported
SWIS ID: 6101

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

GRAND MORGAN REALTY CORP. (Continued)

U003790902

P.O. BOX 105 WILLIAMSBURG STATION
BROOKLYN, NY 11211
(718) 387-0980

Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: GRAND MORGAN REALTY CORP.
ATTN: LAZAR MULLER
10-27 GRAND STREET
BROOKLYN, NY 11211
(718) 387-0980

Tank Status: In Service
Capacity (gals): 6000
Tank Location: UNDERGROUND
Tank Id: 001
Tank Type: Fiberglass coated steel
Tank Internal: NONE
Pipe Location: Underground
Tank External: FIBERGLASS
Missing Data for Tank: No Missing Data
Pipe External: JACKETED
Second Containment: DOUBLED-WALLED TANK
Leak Detection: INTERSTITIAL MONITORING/IN-TANK SYSTEM
Overfill Prot: Catch Basin, Automatic Shut-Off
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 12000
Tank Screen: No data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: MANUFACTURING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Install Date: 06/01/2001
Product Stored: NOS 1.2, OR 4 FUEL OIL
Pipe Internal: NONE
Pipe Type: COPPER

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: Minor data missing

Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 07/20/2001
Expiration Date: 07/13/2006
Inspector: Not reported

PBS Number: 2-606353
SPDES Number: Not reported
Operator: GRND MORGAN REALTY CORP.
(718) 387-0980

CBS Number: Not reported
SWIS ID: 6101

Emergency Contact: LAZAR MULLER
(718) 387-0980

Total Tanks: 2
Owner: LAZAR MULLER
P.O. BOX 105 WILLIAMSBURG STATION
BROOKLYN, NY 11211
(718) 387-0980

Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

GRAND MORGAN REALTY CORP. (Continued)

U003790902

Mailing Address: GRAND MORGAN REALTY CORP.
 ATTN: LAZAR MULLER
 10-27 GRAND STREET
 BROOKLYN, NY 11211
 (718) 387-0980

Tank Status: In Service
 Capacity (gals): 6000
 Tank Location: UNDERGROUND
 Tank Id: 002
 Tank Type: Fiberglass coated steel
 Tank Internal: NONE
 Pipe Location: Underground
 Tank External: FIBERGLASS
 Missing Data for Tank: No Missing Data
 Pipe External: JACKETED
 Second Containment: DOUBLED-WALLED TANK
 Leak Detection: INTERSTITIAL MONITORING/IN-TANK SYSTEM
 Overfill Prot: Catch Basin, Automatic Shut-Off
 Date Tested: Not reported
 Date Closed: Not reported
 Deleted: False
 Dead Letter: False
 FAMT: Fiscal amount for registration fee is correct
 Total Capacity: 12000
 Tank Screen: No data missing
 Renew Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/long: Not reported
 Facility Type: MANUFACTURING
 Town or City: NEW YORK CITY
 Town or City Code: 01
 County Code: 61
 Region: 2

Install Date: 06/01/2001
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Pipe Internal: NONE
 Pipe Type: COPPER

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: Minor data missing

Renewal Date: Not reported
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 07/20/2001
 Expiration Date: 07/13/2006
 Inspector: Not reported

F29
 NE
 < 1/8
 651 ft.

11 GRAND STREET
 11 GRAND STREET
 BROOKLYN, NY

NY Spills S102150611
 N/A

Site 4 of 4 in cluster F

Relative:
 Higher
 Actual:
 13 ft.

SPILLS:
 Spill Number: 9505983
 Spill Date: 08/15/1995 13:00
 ID: Not reported
 Date Call Received: Not reported
 Region Close Date: Not reported
 Material Spilled 1: Not reported
 Spill Cause: Unknown
 Water Affected: Not reported
 Facility Contact: Not reported
 Investigator: BREEN
 Caller Name: Not reported
 Caller Phone: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 PBS: Not reported

Region of Spill: 2
 Reported to Dept: 08/15/1995 14:29

Amount Spilled 1: Not reported
 Resource Affected: On Land
 Spill Source: Major Facility 400,000 gallons
 Facility Tele: Not reported
 SWIS: 61
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Agency: Not reported
 Notifier Extension: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

11 GRAND STREET (Continued)

S102150611

Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: UNKNOWN
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/11/1995
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 10
Units: Gallons
Unknown Qty Spilled: 10
Quantity Recovered: 10
Unknown Qty Recovered: False
Material: #4 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
Remark: TANK REMOVAL - FOUND SOME CONTAMINATED SOIL - ESTIMATING SOME AMOUNT -
GEORGE BREEN FROM DEC ON SITE
DEC Remarks: Not reported

30
NE
1/8-1/4
693 ft.

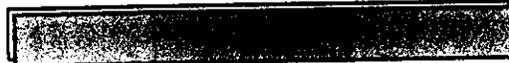
NYS DOT - B Q E BRIDGES
KENT AVE & GRAND ST
BROOKLYN, NY 11211

RCRIS-SQG 1000191448
FINDS NYD98689862

Relative:
Higher

Actual:
19 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

NYSDOT - B Q E BRIDGES (Continued)

1000191448

RCRIS:

Owner: NYSDOT
(212) 555-1212
EPA ID: NYD986899862
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

G31
ESE
1/8-1/4
793 ft.

SPECTRONICS ELECTROPLATING CORP
66 S 2ND ST
BROOKLYN, NY 11211
Site 1 of 2 in cluster G

RCRIS-SQG 1000871601
FINDS NY0000075317

Relative:
Higher

Actual:
41 ft.

RCRIS:

Owner: SAMUEL WILLIAMS
(718) 599-1447
EPA ID: NY0000075317
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)

G32
East
1/8-1/4
829 ft.

LEXA METAL CORP
303 WYTHE AVE
BROOKLYN, NY 11211
Site 2 of 2 in cluster G

RCRIS-SQG 1000556203
FINDS NYD986987626

Relative:
Higher

Actual:
42 ft.

RCRIS:

Owner: NON-NOTIFIER
(212) 555-1212
EPA ID: NYD986987626
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

LEXA METAL CORP (Continued)

1000556203

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

33
East
1/8-1/4
840 ft.

H & B PLASTICS PLATING
299 WYTHE AVE
BROOKLYN, NY 11211

RCRIS-SQG 1000103758
FINDS NYD982270597

Relative:
Higher

Actual:
41 ft.

RCRIS:

Owner: H & B PLASTICS PLATING
(212) 555-1212

EPA ID: NYD982270597

Contact: Not reported

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

H34
NE
1/8-1/4
877 ft.

KING COLLISION
237 KENT AVE
BROOKLYN, NY 11211

RCRIS-SQG 1004760374
FINDS NYR000042374

Relative:
Higher

Actual:
19 ft.

Site 1 of 2 in cluster H

RCRIS:

Owner: KING COLLISION
(718) 486-6700

EPA ID: NYR000042374

Contact: SOLOMON KELLMAN
(718) 486-6700

Classification: Conditionally Exempt Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation



Database(s)
 EDR ID Number
 EPA ID Number

35
 SE
 1/8-1/4
 910 ft.

50 SOUTH 4TH STREET
 50 S 4TH ST
 BKLYN, NY 11211

UST U000407890
 N/A

Relative:
 Higher
 Actual:
 36 ft.

PBS UST:
 PBS Number: 2-309427
 SPDES Number: Not reported
 Operator: SCHWARTZ
 (718) 387-8307
 Emergency Contact: T. BONNET
 (212) 620-4112
 Total Tanks: 0
 Owner: 386-394 WYTHE LLC., C/O T. BONNET
 72 CARMINE STREET - #10
 NEW YORK, NY 10014
 (212) 620-4112
 Owner Type: Corporate/Commercial
 Owner Mark: Second Owner
 Owner Subtype: Not reported
 Mailing Address: BONNET REAL ESTATE
 ATTN: T. BONNET
 72 CARMINE STREET
 NEW YORK, NY 10014
 (212) 620-4112
 Tank Status: Closed - Removed
 Capacity (gals): 5000
 Tank Location: UNDERGROUND
 Tank Id: 001
 Tank Type: Steel/carbon steel
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Missing Data for Tank: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Product Level Gauge
 Date Tested: 03/01/1988
 Date Closed: 12/01/1998
 Deleted: False
 Dead Letter: False
 FAMT: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renew Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/long: Not reported
 Facility Type: OTHER
 Town or City: NEW YORK CITY
 Town or City Code: 01
 County Code: 61
 Region: 2

CBS Number: Not reported
 SWIS ID: 6101
 Install Date: Not reported
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Pipe Internal: Not reported
 Pipe Type: Not reported
 Dispenser: Gravity
 Next Test Date: Not reported
 Test Method: HORNER
 Updated: True
 Owner Screen: No data missing
 Renewal Date: Not reported
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: Not reported
 Expiration Date: 07/01/2004
 Inspector: Not reported

PBS OWNHIST
 Operator: SANDOR SCHWARTZ 2
 Emergency: ABE LOUX

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

50 SOUTH 4TH STREET (Continued)

U000407890

Emergency Tel: (718) 871-5733 Old PBSNO: Not reported
 Facility Type: OTHER
 Facility Owner: SANDOR SCHWART 2
 Facility Address: 50 5 4TH ST
 50 5 4TH ST
 BKLYN, NY 11211
 Inspector: Not reported Inspect Date: Not reported
 Insp Result: Not reported Federal ID: Not reported
 Owner: SANDOR SCHWART 2 Owner Type: Corporate/Commercial
 Owner Tel: (718) 387-2626
 Owner Subtype: Not reported
 Mail Address: SANDOR SCHWART 2
 50 5 4TH ST
 BKLYN, NY 11211
 Not reported
 (718) 387-2626
 Owner Mark: First Owner Expiration: 10/29/1997
 Certify Date: 10/29/1997
 Total Capacity (Gal): 5000
 CBS Registration Num : Not reported
 SPDES Number: Not reported
 Lat/Long : Not reported
 County Facility: 6101
 Facility Phone : (718) 387-2626
 Num of Active Tanks : 1
 Facility Owner: SANDOR SCHWART 2
 Facility Address: 50 5 4TH ST
 BKLYN, NY 11211
 Owner Phone: (718) 387-2628
 Facility Status: 1
 Certificate Needs Printed : False
 Renewal Printed : False
 Pre-printed Renewal Form Last Printed : Not reported
 Fiscal Amt For Registration Fee Pbsrect: True
 Dt Ownership Transfer Occurr in Computer : 07/01/1999
 Facility Record Updated: True

H36
 NE
 1/8-1/4
 914 ft.

KENT 240 CO
240 KENT AVE
BKLYN, NY 11211

UST **U000402959**
 N/A

Site 2 of 2 in cluster H

Relative: Higher
 Actual: 19 ft.

PBS UST:
 PBS Number: 2-321478 CBS Number: Not reported
 SPDES Number: Not reported SWIS ID: 6101
 Operator: YORK DISPLAY CO
 (718) 782-0710
 Emergency Contact: STANLEY SINGER - SAMUEL PRAUDA
 (516) 295-3687
 Total Tanks: 1
 Owner: STANLEY SINGER-SAMUEL PRAUDA
 240 KENT AVE
 BKLYN, NY 11211
 (718) 782-0710
 Owner Type: Corporate/Commercial
 Owner Mark: First Owner
 Owner Subtype: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

KENT 240 CO (Continued)

U000402959

Mailing Address: STANLEY SINGER-SAMUEL PRAUDA
 240 KENT AVE
 BKLYN, NY 11211
 (718) 782-0710

Tank Status: In Service
 Capacity (gals): 3000
 Tank Location: UNDERGROUND
 Tank Id: 001
 Tank Type: Steel/carbon steel
 Tank Internal: RUBBER LINER
 Pipe Location: Above/Underground Combination
 Tank External: Not reported
 Missing Data for Tank: Minor Data Missing
 Pipe External: WRAPPED [PIPING]
 Second Containment: OTHER
 Leak Detection: OTHER
 Overfill Prot: Product Level Gauge
 Date Tested: 12/01/1998
 Date Closed: Not reported
 Deleted: False
 Dead Letter: False
 FAMS: Fiscal amount for registration fee is correct
 Total Capacity: 3000
 Tank Screen: Minor data missing
 Renew Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/long: Not reported
 Facility Type: UTILITY
 Town or City: NEW YORK CITY
 Town or City Code: 01
 County Code: 61
 Region: 2

Install Date: Not reported
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Pipe Internal: NONE
 Pipe Type: STEEL/IRON

Dispenser: Suction
 Next Test Date: 12/01/2003
 Test Method: HORNER
 Updated: True
 Owner Screen: No data missing

Renewal Date: Not reported
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 01/20/1999
 Expiration Date: 08/17/2002
 Inspector: Not reported

137
 ENE
 1/8-1/4
 960 ft.

G & S DESIGNS, INC.
314-326 WYTHE AVE.
BROOKLYN, NY 11211

UST **U001329614**
 N/A

Site 1 of 2 in cluster 1

Relative:
 Higher

Actual:
 34 ft.

PBS UST:
 PBS Number: 2-600877
 SPDES Number: Not reported
 Operator: J. GORLICK
 (718) 388-8580
 Emergency Contact: J. GORLICK
 (516) 741-3845
 Total Tanks: 1
 Owner: JEFFREY GORLICK
 314-326 WYTHE AVE.
 BROOKLYN, NY 11211
 (718) 388-8580
 Owner Type: Not reported
 Owner Mark: First Owner
 Owner Subtype: Not reported
 Mailing Address: G & S DESIGNS, INC.
 ATTN: JEFFREY GORLICK

CBS Number: Not reported
 SWIS ID: 6101

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

G & S DESIGNS, INC. (Continued)

U001329614

314-326 WYTHE AVE.
BROOKLYN, NY 11211
(718) 388-8580

Tank Status: In Service
Capacity (gals): 2500
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Id: 001
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: Aboveground
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: VAULT
Leak Detection: NONE
Overfill Prot: Vent Whistle
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 2500
Tank Screen: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: MANUFACTURING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Install Date: 09/01/1981
Product Stored: NOS 1,2, OR 4 FUEL OIL
Pipe Internal: Not reported
Pipe Type: STEEL/IRON
Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: Minor data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 07/31/1997
Expiration Date: 08/11/2002
Inspector: Not reported

138
ENE
1/8-1/4
999 ft.

UNICO SERVICE CORP
2575 CONEY ISLAND AVE - 61 PCT
BROOKLYN, NY 11223

RCRIS-SQG 1001029096
FINDS NYR000013284

Site 2 of 2 in cluster 1

Relative:
Higher

RCRIS:
Owner: NEW YORK CITY POLICE DEPT
(212) 374-3870
EPA ID: NYR000013284
Contact: Not reported
Classification: Small Quantity Generator
TSD Activities: Not reported

Actual:
31 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

UNICO SERVICE CORP (Continued)

1001029096

Violation Status: No violations found

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

J39 NY POWER AUTH - 1ST & GRAND SITE
NE N 1ST ST & RIVER ST
1/8-1/4 BROOKLYN, NY 11211
1028 ft.

RCRIS-SQG 1004762125
FINDS NYR000093781

Site 1 of 2 in cluster J

Relative:
Higher

RCRIS:

Owner: NEW YORK POWER AUTH
(914) 681-6405

EPA ID: NYR000093781

Contact: WILLIAM SLADE
(914) 681-6405

Classification: Small Quantity Generator
TSD Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

J40 FYN PAINT
NE 33 NORTH 1ST STREET
1/8-1/4 BROOKLYN, NY
1034 ft.

LTANKS S103824283
N/A

Site 2 of 2 in cluster J

Relative:
Higher

LTANKS:

Spill Number: 9815508
Spill Date: 03/30/1999 12:00

ID: Not reported
Material Spilled 1: Not reported

Region Close Dt: Not reported
Resource Affectd: On Land

Spill Cause: Tank Failure
Water Affected: Not reported

Facility Contact: DAN ROF
Investigator: O'DOWD

Caller Name: Not reported
Caller Phone: Not reported

Notifier Name: Not reported
Notifier Phone: Not reported

PBS: Not reported
Spiller Contact: DAN ROF

Spiller: FYN PAINT
Spiller Address: 33 NORTH 1ST STREET
BROOKLYN

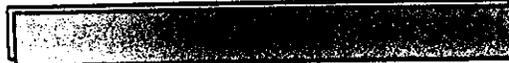
Region of Spill: 2
Reported to Dept: 03/30/1999 12:55
Date Call Received: Not reported
Amount Spilled 1: Not reported

Spill Source: Other Commercial/Industrial
Facility Tele: (718) 721-3400
SWIS: 61

Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: (718) 721-3400

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

FYN PAINT (Continued)

S103824283

Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 05/23/2000

Spill Notifier: Other PBS Number: Not reported

Cleanup Ceased: Not reported

Last Inspection: Not reported

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Date: Not reported

Enforcement Date: Not reported

Investigation Complete: Not reported

UST Involvement: False

Spill Record Last Update: 05/23/2000

Is Updated: False

Corrective Action Plan Submitted: Not reported

True Date: Not reported

Date Spill Entered in Computer Data File: 03/30/1999

Date Region Sent Summary to Central Office: Not reported

Tank Test:

PBS Number: Not reported

Tank Number: Not reported

Test Method: Not reported

Capacity of Failed Tank: Not reported

Leak Rate Failed Tank: Not reported

Gross Leak Rate: Not reported

Material:

Material Class Type: 3

Quantity Spilled: 0

Units: Gallons

Unknown Qty Spilled: No

Quantity Recovered: 0

Unknown Qty Recovered: True

Material: PAINT THINNERS

Class Type: Non Pet/Non Haz

Chem Abstract Service Number: PAINT THINNERS

Last Date: 07/28/1994

Num Times Material Entry in File: 124

Material Class Type: 3

Quantity Spilled: 0

Units: Gallons

Unknown Qty Spilled: No

Quantity Recovered: 0

Unknown Qty Recovered: True

Material: SOLVENTS

Class Type: Non Pet/Non Haz

Chem Abstract Service Number: SOLVENTS

Last Date: 09/28/1994

Num Times Material Entry in File: 424

DEC Remarks: 5/23/2000 SPILL NON-OIL - INVESTIGATION AND CLEANUP BEING HANDLED BY HA
ZARDOUS WASTE REMEDIATION - REFER INQUIRIES TO IOANA MUNTEANU-RAMNIC.
SMM. HANDLED BY HWR- MUNTEANE RAMONI

Spill Cause: ABANDONED TANKS IN PLACE-CONTAMINATION DISCOVERED UPON DRILLING AROUND
THE TANKS. TANK CLOSURE REPORT ON FILE.

Map ID
Direction
Distance
Distance (ft.)
Elevation



FYN PAINT (Continued)

Database(s)
EDR ID Number
EPA ID Number

S103824283

K41
NE
1/8-1/4
1048 ft.

N 1ST ST & KENT AV/CON ED
NORTH 1ST ST / KENT AVE
NEW YORK CITY, NY

LTANKS S102145872
NY Spills N/A

Site 1 of 2 in cluster K

Relative:
Higher

Actual:
19 ft.

SPILLS:

Spill Number: 9007240
Spill Date: 10/02/1990 10:00
ID: Not reported
Date Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1: Not reported
Spill Cause: Unknown
Water Affected: EAST RIVER
Facility Contact: Not reported
Investigator: O'CONNELL
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: BOUCHARD BARGE #115
Spiller Address: Not reported
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt: 06/07/1995
Spill Notifier: Affected Persons
Cleanup Ceased: 06/07/1995
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 11/17/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/10/1990
Date Region Sent Summary to Central Office: Not reported
True Date: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 15
Units: Gallons
Unknown Qty Spilled: 15
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL

Region of Spill: 2
Reported to Dept: 10/02/1990 11:03

Amount Spilled 1: Not reported
Resource Affected: Surface Water
Spill Source: Vessel
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: Not reported

PBS Number: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

N 1ST ST & KENT AV/CON ED (Continued)

S102145872

Class Type: Petroleum
 Chem Abstract Service Number: #6 FUEL OIL
 Last Date: 07/28/1994
 Num Times Material Entry in File: 2190
 Remarks: BARGE OFFLOADING, FUEL LEAKED FROM HOSE WENT INTO RIVER.
 DEC Remarks: Not reported

This is the most recent NY SPILLS record for this site.

The NY SPILLS database may contain additional details for this site.
 Please click here or contact your EDR Account Executive for more information.

LTANKS:

Spill Number:	9009234	Region of Spill:	2
Spill Date:	11/24/1990 07:15	Reported to Dept:	11/24/1990 09:24
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1:	Not reported	Amount Spilled 1:	Not reported
Region Close Dt:	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Overfill	Spill Source:	Major Facility 400,000 gallons
Water Affected:	Not reported	Facility Tele:	Not reported
Facility Contact:	Not reported	SWIS:	61
Investigator:	SIGONA	Caller Agency:	Not reported
Caller Name:	Not reported	Caller Extension:	Not reported
Caller Phone:	Not reported	Notifier Agency:	Not reported
Notifier Name:	Not reported	Notifier Extension:	Not reported
Notifier Phone:	Not reported		
PBS:	Not reported	Spiller Phone:	Not reported
Spiller Contact:	Not reported		
Spiller:	CON ED		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	11/24/1990	PBS Number:	Not reported
Spill Notifier:	Responsible Party		
Cleanup Ceased:	11/24/1990		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	04/18/1991		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
True Date:	Not reported		
Date Spill Entered in Computer Data File:	11/28/1990		
Date Region Sent Summary to Central Office:	Not reported		
Tank Test:			
PBS Number:	Not reported		
Tank Number:	Not reported		
Test Method:	Not reported		
Capacity of Failed Tank:	Not reported		
Leak Rate Failed Tank:	Not reported		
Gross Leak Rate:	Not reported		
Material:			
Material Class Type:	1		
Quantity Spilled:	400		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

N 1ST ST & KENT AV/CON ED (Continued)

S102145872

Units: Gallons
 Unknown Qty Spilled: 400
 Quantity Recovered: 0
 Unknown Qty Recovered: False
 Material: #6 FUEL OIL
 Class Type: Petroleum
 Chem Abstract Service Number: #6 FUEL OIL
 Last Date: 07/28/1994
 Num Times Material Entry In File: 2190
 DEC Remarks: Not reported
 Spill Cause: TANK OVERFILLED, AAA ON SCENE, NYCFD ON SCENE, TANK FARM B, TANK 600 TRAN
 SFERRING TO 10K UST BOILER FEED TANK, ALARM WENT OFF BUT VALVE WAS NOT CLOSED TO TANK CAUSING OVERFILL OF 400 GALLONS.

42
ESE
1/8-1/4
1058 ft.

SS PETER & PAULS R C CHURCH
86 SOUTH 2ND ST
BROOKLYN, NY 11211

UST U000394955
N/A

Relative:
Higher

PBS UST:

PBS Number: 2-109177 CBS Number: Not reported
 SPDES Number: Not reported SWIS ID: 6101

Actual:
47 ft.

Operator: PASTOR
 (718) 388-9576
 Emergency Contact: PASTOR
 (718) 388-9576

Total Tanks: 1
 Owner: SS PETER & PAUL RC CHURCH
 71 SOUTH 3RD STREET
 BROOKLYN, NY 11202
 (718) 388-9576

Owner Type: Corporate/Commercial
 Owner Mark: First Owner
 Owner Subtype: Not reported
 Mailing Address: SS PETER & PAUL RC CHURCH
 71 SOUTH 3RD STREET
 BROOKLYN, NY 11211
 (718) 388-9576

Tank Status: In Service
 Capacity (gals): 3000
 Tank Location: UNDERGROUND
 Tank Id: 001
 Tank Type: Steel/carbon steel
 Tank Internal: Not reported
 Pipe Location: 1
 Tank External: Not reported
 Missing Data for Tank: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Product Level Gauge
 Date Tested: 03/27/2000
 Date Closed: Not reported
 Deleted: False
 Dead Letter: False
 FAMT: Fiscal amount for registration fee is correct
 Total Capacity: 3000
 Tank Screen: Minor data missing
 Renew Flag: Renewal has not been printed

Install Date: 12/01/1963
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Pipe Internal: Not reported
 Pipe Type: STEEL/IRON

Dispenser: Suction
 Next Test Date: 03/27/2005
 Test Method: 21
 Updated: True
 Owner Screen: Minor data missing
 Renewal Date: 11/13/2001
 Federal ID: Not reported
 Facility Screen: No data missing

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EPA ID Number
EDR ID Number

SS PETER & PAULS R C CHURCH (Continued)

U000394955

Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: OTHER
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Certification Date: 07/21/2000
Expiration Date: 03/24/2002
Inspector: Not reported

K43
NE
1/8-1/4
1081 ft.

FYN PAINT & LACQUER COMPANY INCORPORATED
229 KENT AVENUE
BROOKLYN, NY 11211

RCRIS-SQG 1000127275
FINDS NYD001270867
CBS UST
CBS AST
VCP

Site 2 of 2 in cluster K

Relative:
Higher

Actual:
19 ft.

RCRIS:
Owner: FYN PAINT & LACQUER CO INC.
(212) 555-1212
EPA ID: NYD001270867
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS/AIRS Facility Subsystem (AIRS/AFS)
Integrated Compliance Information System (ICIS)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

CBS UST:

CBS Number: 2-000151
PBS No: Not reported
Region: STATE
Operator: WILLIAM FEINSTEIN
Emergency Contact: HOWARD SIMKA, (718) 388-4130
Certification Date: 07/30/1999
Owner: FYN PAINT & LAQUER CO. INC.
Owner Address: 230 KENT ANENUE
BROOKLYN, NY 11211
Owner Phone: (718) 388-4130
Owner Type: Corporate/Commercial
Facility Type: MANUFACTURING
Mail To: FYN PAINT & LAQUER CO. INC.
Mail Address: 230 KENT ANENUE
BROOKLYN, NY 11211
ATTN: HOWARD SIMKA
(718) 388-4130

ICS No: 2-125255
MOSF No: Not reported
Town: NEW YORK CITY
Facility Tel: (718) 388-4130

Expiration Date: 07/25/2001

SPDES No: Not reported
Owner Subtype: Not reported
Tank Status: Temp. Out of Service

Facility Status: CLOSED IN PLACE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

Tank Error Status:	No Missing Data	Capacity:	550 Gals
Total Tanks:	0		
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	67561		
Substance:	Single Hazardous Substance on DEC List	2nd Containmt:	Vault (w/o access)
Tank Type:	Steel/carbon steel	Pipe Type:	STEEL/IRON
Tank Internal:	None		
Tank External:	None	Pipe Location:	Underground
Pipe Internal:	None		
Pipe External:	None	Haz Percent:	100
Pipe Containment:	Vault (w/o access)		
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Methanol		
Tank Closed:	12/98	Date Entered:	07/25/1989 12:41:10
Tank Secret:	False	Due Date:	Not reported
Last Test:	Not reported		
SWIS Code:	6101		
Cert Flag:	False	Reserve Flag:	True
Case No:	Not reported	Federal Amt:	True
Pipe Flag:	False	Is Updated:	False
Is it There:	False	Lat/Long:	40 43 00 / 73 57 54
Owner Mark:	1	Date Expired:	07/25/95
Renew Date:	04/01/93		
Total Capacity:	0		
Tank Number:	001		
		ICS No:	2-125255
CBS Number:	2-000151	MOSF No:	Not reported
PBS No:	Not reported	Town:	NEW YORK CITY
Region:	STATE	Facility Tel:	(718) 388-4130
Operator:	WILLIAM FEINSTEIN		
Emergency Contact:	HOWARD SIMKA, (718) 388-4130	Expiration Date:	07/25/2001
Certification Date:	07/30/1999		
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Owner Phone:	(718) 388-4130	Facility Status:	CLOSED IN PLACE
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address:	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported		
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service	Capacity:	550 Gals
Tank Error Status:	No Missing Data		
Total Tanks:	0		
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	67561		
Substance:	Single Hazardous Substance on DEC List	2nd Containmt:	Vault (w/o access)
Tank Type:	Steel/carbon steel	Pipe Type:	STEEL/IRON
Tank Internal:	None		
Tank External:	None		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None	Haz Percent:	100
Pipe Containment:	Vault (w/o access)	Date Entered:	07/25/1989 12:41:33
Leak Detection:	None	Due Date:	Not reported
Overfill Protection:	4	Reserve Flag:	True
Chemical:	Methanol	Federal Amt:	True
Tank Closed:	12/98	Is Updated:	False
Tank Secret:	False	Lat/Long:	40 43 00 / 73 57 54
Last Test:	Not reported	Date Expired:	07/25/95
SWIS Code:	6101	ICS No:	2-125255
Cert Flag:	False	MOSF No:	Not reported
Case No:	Not reported	Town:	NEW YORK CITY
Pipe Flag:	False	Facility Tel:	(718) 388-4130
Is it There:	False	Expiration Date:	07/25/2001
Owner Mark:	1		
Renew Date:	04/01/93		
Total Capacity:	0		
Tank Number:	002		
CBS Number:	2-000151		
PBS No:	Not reported		
Region:	STATE		
Operator:	WILLIAM FEINSTEIN		
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	07/30/1999		
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone:	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address:	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data	Capacity:	1500 Gals
Total Tanks:	0		
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	108883		
Substance:	More than one Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None	Pipe Location:	Underground
Pipe Internal:	None	Haz Percent:	100
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Date Entered:	07/25/1989 12:42:19
Leak Detection:	None	Due Date:	Not reported
Overfill Protection:	4		
Chemical:	Toluene		
Tank Closed:	12/98		
Tank Secret:	False		
Last Test:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

SWIS Code:	8101	Reserve Flag:	True
Cert Flag:	False	Federal Amt:	True
Case No:	Not reported	Is Updated:	False
Pipe Flag:	False	Lat/Long:	40 43 00 / 73 57 54
Is it There:	False	Date Expired:	07/25/95
Owner Mark:	1		
Renew Date:	04/01/93		
Total Capacity:	0		
Tank Number:	004		
CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130	Expiration Date:	07/25/2001
Certification Date:	07/30/1999		
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone:	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address:	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data	Capacity:	1000 Gals
Total Tanks:	0		
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	108883		
Substance:	More than one Hazardous Substance on DEC List	2nd Containmt:	Vault (w/o access)
Tank Type:	Steel/carbon steel	Pipe Type:	STEEL/IRON
Tank Internal:	None		
Tank External:	None	Pipe Location:	Underground
Pipe Internal:	None	Haz Percent:	100
Pipe External:	None		
Pipe Containment:	Vault (w/o access)		
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Toluene		
Tank Closed:	12/98	Date Entered:	07/25/1989 12:42:52
Tank Secret:	False	Due Date:	Not reported
Last Test:	Not reported		
SWIS Code:	8101	Reserve Flag:	True
Cert Flag:	False	Federal Amt:	True
Case No:	Not reported	Is Updated:	False
Pipe Flag:	False	Lat/Long:	40 43 00 / 73 57 54
Is it There:	False	Date Expired:	07/25/95
Owner Mark:	1		
Renew Date:	04/01/93		
Total Capacity:	0		
Tank Number:	005		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

CBS Number: 2-000151
 PBS No: Not reported
 Region: STATE
 Operator: WILLIAM FEINSTEIN
 Emergency Contact: HOWARD SIMKA, (718) 388-4130
 Certification Date: 07/30/1999
 Owner: FYN PAINT & LAQUER CO. INC.
 Owner Address: 230 KENT ANENUE
 BROOKLYN, NY 11211
 (718) 388-4130
 Owner Phone
 Owner Type: Corporate/Commercial
 Facility Type: MANUFACTURING
 Mail To: FYN PAINT & LAQUER CO. INC.
 Mail Address: 230 KENT ANENUE
 BROOKLYN, NY 11211
 ATTN: HOWARD SIMKA
 (718) 388-4130

ICS No: 2-125255
 MOSF No: Not reported
 Town: NEW YORK CITY
 Facility Tel: (718) 388-4130

Expiration Date: 07/25/2001

SPDES No: Not reported
 Owner Subtype: Not reported
 Tank Status: Temp. Out of Service
 Tank Error Status: No Missing Data
 Total Tanks: 0
 Tank Location: Underground
 Install Date: 00/00
 CAS No: 1330207
 Substance: Single Hazardous Substance on DEC List
 Tank Type: Steel/carbon steel
 Tank Internal: None
 Tank External: None
 Pipe Internal: None
 Pipe External: None
 Pipe Containment: Vault (w/o access)
 Leak Detection: None
 Overfill Protection: 4
 Chemical: Xylene (mixed)
 Tank Closed: 12/98
 Tank Secret: False
 Last Test: Not reported
 SWIS Code: 6101
 Cert Flag: False
 Case No: Not reported
 Pipe Flag: False
 Is It There: False
 Owner Mark: 1
 Renew Date: 04/01/93
 Total Capacity: 0
 Tank Number: 006

Facility Status: CLOSED IN PLACE

Capacity: 1000 Gals

2nd Containmt: Vault (w/o access)
 Pipe Type: STEEL/IRON

Pipe Location: Underground

Haz Percent: 100

Date Entered: 07/25/1989 12:43:29
 Due Date: Not reported

Reserve Flag: True
 Federal Amt: True
 Is Updated: False
 Lat/Long: 40|43|00 / 73|57|54
 Date Expired: 07/25/95

CBS Number: 2-000151
 PBS No: Not reported
 Region: STATE
 Operator: WILLIAM FEINSTEIN
 Emergency Contact: HOWARD SIMKA, (718) 388-4130
 Certification Date: 07/30/1999
 Owner: FYN PAINT & LAQUER CO. INC.
 Owner Address: 230 KENT ANENUE

ICS No: 2-125255
 MOSF No: Not reported
 Town: NEW YORK CITY
 Facility Tel: (718) 388-4130

Expiration Date: 07/25/2001

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

Owner Phone	BROOKLYN, NY 11211 (718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1000 Gals
Tank Location:	Underground		
Install Date:	00/00		
CAS No:	108883		
Substance:	More than one Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Vault (w/o access)	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	4		
Chemical:	Toluene		
Tank Closed:	12/98	Date Entered:	07/25/1989 12:44:11
Tank Secret:	False	Due Date:	Not reported
Last Test:	Not reported		
SWIS Code:	8101		
Cert Flag:	False	Reserve Flag:	True
Case No:	Not reported	Federal Amt:	True
Pipe Flag:	False	Is Updated:	False
Is it There:	False	Lat/Long:	40 43 00 / 73 57 54
Owner Mark:	1	Date Expired:	07/25/95
Renew Date:	04/01/93		
Total Capacity:	0		
Tank Number:	007		
CBS Number:	2-000151	ICS No:	2-125255
PBS No:	Not reported	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	WILLIAM FEINSTEIN	Facility Tel:	(718) 388-4130
Emergency Contact:	HOWARD SIMKA, (718) 388-4130		
Certification Date:	07/30/1999	Expiration Date:	07/25/2001
Owner:	FYN PAINT & LAQUER CO. INC.		
Owner Address:	230 KENT ANENUE BROOKLYN, NY 11211		
Owner Phone	(718) 388-4130		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	FYN PAINT & LAQUER CO. INC.		
Mail Address	230 KENT ANENUE BROOKLYN, NY 11211 ATTN: HOWARD SIMKA (718) 388-4130		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation



FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000127275

SPDES No: Not reported
 Owner Subtype: Not reported
 Tank Status: Temp. Out of Service
 Tank Error Status: No Missing Data
 Total Tanks: 0
 Tank Location: Underground
 Install Date: 00/00
 CAS No: 108883
 Substance: Single Hazardous Substance on DEC List
 Tank Type: Steel/carbon steel
 Tank Internal: None
 Tank External: None
 Pipe Internal: None
 Pipe External: None
 Pipe Containment: Vault (w/o access)
 Leak Detection: None
 Overfill Protection: 4
 Chemical: Toluene
 Tank Closed: 12/98
 Tank Secret: False
 Last Test: Not reported
 SWIS Code: 6101
 Cert Flag: False
 Case No: Not reported
 Pipe Flag: False
 Is it There: False
 Owner Mark: 1
 Renew Date: 04/01/93
 Total Capacity: 0
 Tank Number: 008

Facility Status: CLOSED IN PLACE
 Capacity: 1000 Gals
 2nd Containmt: Vault (w/o access)
 Pipe Type: STEEL/IRON
 Pipe Location: Underground
 Haz Percent: 100
 Date Entered: 07/25/1989 12:44:36
 Due Date: Not reported
 Reserve Flag: True
 Federal Amt: True
 Is Updated: False
 Lat/Long: 40|43|00 / 73|57|54
 Date Expired: 07/25/95

CBS AST:
 CBS Number: 2-000151
 Owner: FYN PAINT & LAQUER CO. INC.
 230 KENT ANENUE
 BROOKLYN, NY 11211
 (718) 388-4130
 Telephone: (718) 388-4130

Facility Status: Active
 Total Tanks: 0
 Tank Status: 0
 Tank Error Status: No Missing Data
 Tank Location: Aboveground on crib, rack or cradle
 Install Date: 07/76
 Capacity (Gal): 2500
 Tank Type: Steel/carbon steel
 Substance: Single Hazardous Substance on DEC List
 Extnl Protection: Painted/Asphalt Coating
 Intrnl Protection: None
 Tank Containment: None
 Pipe Type: STEEL/IRON
 Pipe Internal: None
 Pipe External: None
 Pipe Containment: None
 Leak Detection: None
 Overfill Protection: Not reported
 Chemical: Xylene (mixed)
 Tank Closed: 11/99
 PBS Number: Not reported

Pipe Location: Aboveground
 Haz Percent: 50
 SWIS Code: 6101

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

Federal ID:	Not reported	CAS Number:	1330207
MOSF Number:	Not reported	ICS Number:	2-125255
SPDES Number:	Not reported	Facility Town:	NEW YORK CITY
Facility Type:	Manufacturing	Emrgncy Phone:	(718) 388-4130
Operator:	WILLIAM FEINSTEIN	Expiration Date:	07/25/2001
Emrgncy Contact:	HOWARD SIMKA		
Certified Date:	07/30/1999		
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	FYN PAINT & LAQUER CO. INC.		
Mail Contact:	HOWARD SIMKA		
	230 KENT ANENUE		
	BROOKLYN, NY 11211		
Mail Phone:	(718) 388-4130	Date Entered:	07/25/1989 12:45:19
Tank Secret:	False	Due Date:	Not reported
Last Test:	Not reported	Owner Mark:	1
Pipe Flag:	False	Date Expired:	07/25/95
Renew Date:	04/01/93	Is Updated:	False
Is it There:	False		
Owner Status:	F		
Certificate Needs to be Printed:	False		
Fiscal Amt for Registration Fee Correct:	True		
Renewal Has Been Printed for Facility:	True		
Total Capacity of All Active Tanks(gal):	No		
Unique Tank Id Number:	009		
Date Pre-Printed Renewal App Form Was Last Printed:			04/01/1999
CBS Number:	2-000151	Telephone:	(718) 388-4130
Owner:	FYN PAINT & LAQUER CO. INC.		
	230 KENT ANENUE		
	BROOKLYN, NY 11211		
	(718) 388-4130		
Facility Status:	Active		
Total Tanks:	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle	Pipe Location:	Aboveground
Install Date:	07/76		
Capacity (Gal):	1500		
Tank Type:	Steel/carbon steel		
Substance:	More than one Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Haz Percent:	50
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None		
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Tank Closed:	00/00		
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125255
Facility Type:	Manufacturing		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



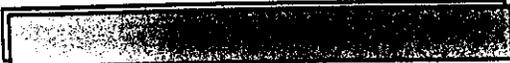
Database(s)
EDR ID Number
EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

Operator:	WILLIAM FEINSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HOWARD SIMKA	Emrgncy Phone:	(718) 388-4130
Certified Date:	07/30/1999	Expiration Date:	07/25/2001
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	FYN PAINT & LAQUER CO. INC.		
Mail Contact:	HOWARD SIMKA 230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Mail Phone:	(718) 388-4130	Date Entered:	07/25/1989 12:45:51
Tank Secret:	False	Due Date:	Not reported
Last Test:	Not reported	Owner Mark:	1
Pipe Flag:	False	Date Expired:	07/25/95
Renew Date:	04/01/93	Is Updated:	False
Is it There:	False		
Owner Status:	F		
Certificate Needs to be Printed:	False		
Fiscal Amt for Registration Fee Correct:	True		
Renewal Has Been Printed for Facility:	True		
Total Capacity of All Active Tanks(gal):	No		
Unique Tank Id Number:	0010		
Date Pre-Printed Renewal App Form Was Last Printed:	04/01/1999		
CBS Number:	2-000151	Telephone:	(718) 388-4130
Owner:	FYN PAINT & LAQUER CO. INC. 230 KENT ANENUE BROOKLYN, NY 11211 (718) 388-4130		
Facility Status:	Active		
Total Tanks:	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	Not reported		
Capacity (Gal):	700		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	40
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Toluene		
Tank Closed:	00/00		
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	108883
SPDES Number:	Not reported	ICS Number:	2-125255
Facility Type:	Manufacturing		
Operator:	WILLIAM FEINSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HOWARD SIMKA	Emrgncy Phone:	(718) 388-4130
Certified Date:	07/30/1999	Expiration Date:	07/25/2001
Owner type:	Corporate/Commercial		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

Owner Sub Type: Not reported
Mail Name: FYN PAINT & LAQUER CO. INC.
Mail Contact: HOWARD SIMKA
230 KENT ANENUE
BROOKLYN, NY 11211
(718) 388-4130

Mail Phone: (718) 388-4130
Tank Secret: False
Last Test: Not reported
Pipe Flag: False
Renew Date: 04/01/93
Is it There: False
Owner Status: F

Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Total Capacity of All Active Tanks(gal): No
Unique Tank Id Number: 0011
Date Pre-Printed Renewal App Form Was Last Printed: 04/01/1999

CBS Number: 2-000151
Owner: FYN PAINT & LAQUER CO. INC.
230 KENT ANENUE
BROOKLYN, NY 11211
(718) 388-4130

Facility Status: Active
Total Tanks: 0
Tank Status: 0
Tank Error Status: No Missing Data
Tank Location: Aboveground on crib, rack or cradle
Install Date: Not reported
Capacity (Gal): 700
Tank Type: Steel/carbon steel
Substance: Single Hazardous Substance on DEC List
Extrnl Protection: Painted/Asphalt Coating
Intnl Protection: None
Tank Containment: None
Pipe Type: STEEL/IRON
Pipe Internal: Epoxy Liner
Pipe External: None
Pipe Containment: None
Leak Detection: None
Overfill Protection: Not reported
Chemical: Xylene (mixed)
Tank Closed: 00/00
PBS Number: Not reported
Federal ID: Not reported
MOSF Number: Not reported
SPDES Number: Not reported
Facility Type: Manufacturing
Operator: WILLIAM FEINSTEIN
Emrgncy Contact: HOWARD SIMKA
Certified Date: 07/30/1999
Owner type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: FYN PAINT & LAQUER CO. INC.
Mail Contact: HOWARD SIMKA
230 KENT ANENUE

Date Entered: 07/25/1989 12:46:27
Due Date: Not reported
Owner Mark: 1
Date Expired: 07/25/95
Is Updated: False

Telephone: (718) 388-4130
Pipe Location: Aboveground
Haz Percent: 50
SWIS Code: 6101
CAS Number: 1330207
ICS Number: 2-125255
Facility Town: NEW YORK CITY
Emrgncy Phone: (718) 388-4130
Expiration Date: 07/25/2001

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

FYN PAINT & LACQUER COMPANY INCORPORATED (Continued)

1000127275

BROOKLYN, NY 11211
 (718) 388-4130
 Mail Phone:
 Tank Secret: False
 Last Test: Not reported
 Pipe Flag: False
 Renew Date: 04/01/93
 Is it There: False
 Owner Status: F
 Certificate Needs to be Printed: False
 Fiscal Amt for Registration Fee Correct: True
 Renewal Has Been Printed for Facility: True
 Total Capacity of All Active Tanks(gal): No
 Unique Tank Id Number: 0012
 Date Pre-Printed Renewal App Form Was Last Printed: 04/01/1999
 Date Entered: 07/25/1989 12:47:08
 Due Date: Not reported
 Owner Mark: 1
 Date Expired: 07/25/95
 Is Updated: False

This is the most recent NY CBS AST data for this site.

The NY CBS AST database contains 1 additional record for this site.
 Please click here or contact your EDR Account Executive for more information.

NY VCP:
 Facility ID : V00380
 Region : 2

44
 ESE
 1/8-1/4
 1085 ft.

65 SOUTH 3RD STREET
 65 SOUTH 3RD STREET
 BROOKLYN, NEW YORK, NY

LTANKS S101103247
 N/A

Relative:
 Higher
 Actual:
 47 ft.

LTANKS:
 Spill Number: 9401369
 Spill Date: 04/28/1994 11:00
 ID: Not reported
 Material Spilled 1 :Not reported
 Region Close Dt : Not reported
 Resource Affectd: On Land
 Spill Cause: Tank Failure
 Water Affected: Not reported
 Facility Contact: Not reported
 Investigator: TIBBE
 Caller Name: Not reported
 Caller Phone: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 PBS : Not reported
 Spiller Contact: Not reported
 Spiller: Not reported
 Spiller Address: Not reported
 Spill Class: Known release that creates potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: Not Closed
 Spill Notifier: Local Agency
 Cleanup Ceased: Not reported
 Last Inspection: Not reported
 Cleanup Meets Standard: False
 Recommended Penalty: Penalty Not Recommended
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 Region of Spill: 2
 Reported to Dept: 04/28/1994 13:19
 Date Call Received:Not reported
 Amount Spilled 1 : Not reported
 Spill Source: Private Dwelling
 Facility Tele: Not reported
 SWIS: 61
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Agency: Not reported
 Notifier Extension: Not reported
 Spiller Phone: Not reported
 PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

65 SOUTH 3RD STREET (Continued)

S101103247

UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 05/03/1994
Date Region Sent Summary to Central Office: Not reported

Tank Test

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

Material:

Material Class Type: 1
Quantity Spilled: 275
Units: Gallons
Unknown Qty Spilled: 275
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625

DEC Remarks: Not reported
Spill Cause: 275 GALLON OIO TANK IN BACK YD. ONE LEAKING ON PROPERITY ON TO STREET N
YC DEP. AT SITE WOULD LIKE DEC. REG. AT SITE.

45
WSW
1/8-1/4
1102 ft.

R J ROMANO CO INC
WILLIAMSBURG BRIDGE
BROOKLYN, NY 11211

RCRIS-SQG 1000871345
FINDS NY0000030577

Relative:
Lower

RCRIS:

Owner: NON NOTIFIER
(212) 555-1212
EPA ID: NY0000030577
Contact: Not reported

Actual:
0 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 40 Cfr 265.31
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/23/1992
Actual Date Achieved Compliance: 09/16/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/31/1992
Penalty Type: Proposed Monetary Penalty

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Proposed Monetary Penalty	12/31/1992	35999	EPA

There are 1 violation record(s) reported at this site:

Evaluation _____ Area of Violation _____

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

R J ROMANO CO INC (Continued)

1000871345

Compliance Evaluation Inspection

GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

19920916

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Resource Conservation and Recovery Act Information system (RCRAINFO)

46
ENE
1/8-1/4
1120 ft.

TRIBORO SHELVING & PARTITION
296 WYTHE AVE
BROOKLYN, NY 11211

RCRIS-SQG 1000871494
NY0000058206

Relative:
Higher

RCRIS:

Owner: JOHN DEMAIO
(718) 782-4185

Actual:
30 ft.

EPA ID: NY0000058206

Contact: Not reported

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

L47
South
1/8-1/4
1126 ft.

WILLIAMSBURG BRIDGE DOT
372 KENT AVE
BROOKLYN, NY

LTANKS S102662919
N/A

Relative:
Higher

Site 1 of 2 in cluster L

LTANKS:

Spill Number: 9700718
Spill Date: 04/16/1997 09:00
ID: Not reported

Region of Spill: 2
Reported to Dept: 04/16/1997 14:14
Date Call Received: Not reported
Amount Spilled 1 : Not reported

Material Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land

Spill Cause: Tank Overfill
Water Affected: Not reported
Facility Contact: WAYNE BALLARD
Investigator: KRIMGOLD

Spill Source: Other Commercial/Industrial
Facility Tele: (212) 619-0460
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported

PBS : Not reported
Spiller Contact: WAYNE BALLARD
Spiller: WILLIAMSBURG BRIDGE DOT
Spiller Address: 372KENT AVE
BROOKLYN

Spiller Phone: (212) 619-0460

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: Not Closed

Spill Notifier: Other

PBS Number: Not reported

Cleanup Ceased: Not reported

Last Inspection: Not reported

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Date: Not reported

Enforcement Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

WILLIAMSBURG BRIDGE DOT (Continued)

S102662919

Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 08/10/2001
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 04/16/1997
Date Region Sent Summary to Central Office: Not reported

Tank Test:

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

Material:

Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329

DEC Remarks: Not reported
Spill Cause: soil contamination discovered upon excavation of tanks-removed addition
al soil and collected samples for more testing

48
SSE
1/8-1/4
1146 ft.

**NYCDOT CONTRACT BRC253BB
300 KENT AVE WILLIAMSBURG BRG
BROOKLYN, NY 11211**

**RCRIS-SQG 1001223636
FINDS NYR000048512**

Relative:
Higher

Actual:
31 ft.

RCRIS:

Owner: NYCDOT
(212) 788-1814
EPA ID: NYR000048512
Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ANNUAL REPORTING REQUIREMENTS
Date Violation Determined: 07/19/2000
Actual Date Achieved Compliance: 10/16/2000
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/19/2000
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	GENERATOR-ANNUAL REPORTING REQUIREMENTS	20001016

Map ID
Direction
Distance
Distance (ft.)
Elevation



Database(s)
EPA ID Number
EDR ID Number

NYCDOT CONTRACT BRC253BB (Continued)

1001223636

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

L49
South
1/8-1/4
1191 ft.

**NYSDOT WILLIAMSBURG BRIDGE
378 KENT AVE
BROOKLYN, NY 11211**

**RCRIS-SQG 1000912434
FINDS NY0000709444**

Site 2 of 2 in cluster L

Relative:
Higher

Actual:
19 ft.

RCRIS:

Owner: NYSDOT
(212) 442-7446
EPA ID: NY0000709444
Contact: ED EDWARDS
(212) 669-4616

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

50
WSW
1/8-1/4
1200 ft.

**NYCDOT - WILLIAMSBURG BRIDGE #224003
WILLIAMSBURG BRG OVER E RIVER
BROOKLYN, NY 11211**

**RCRIS-LQG 1000872528
FINDS NYD987037421**

Relative:
Lower

Actual:
0 ft.

RCRIS:

Owner: NYCDOT
(212) 788-1721
EPA ID: NYD987037421
Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2001

Waste	Quantity (Lbs)
D008	346129.00

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ANNUAL REPORTING REQUIREMENTS
Date Violation Determined:	08/26/1997
Actual Date Achieved Compliance:	10/27/1997
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/26/1997
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation _____ Area of Violation _____

Date of
Compliance

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

NYCDOT - WILLIAMSBURG BRIDGE #224003 (Continued)

1000872528

Non-Financial Record Review GENERATOR-ANNUAL REPORTING REQUIREMENTS 19971027

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system (RCRAINFO)

M51
 NE
 1/8-1/4
 1221 ft.

**NORTH 1ST ST TERMINAL
 N FIRST ST / KENT AV
 BRROKLYN, NY**

LTANKS S102233219
 N/A

Site 1 of 6 in cluster M

Relative:
 Higher

Actual:
 15 ft.

LTANKS:

Spill Number: 9509439
 Spill Date: 10/30/1995 17:05
 ID: Not reported
 Material Spilled 1 : Not reported
 Region Close Dt : Not reported
 Resource Affctd: On Land
 Spill Cause: Tank Failure
 Water Affected: Not reported
 Facility Contact: MR DEVOTI
 Investigator: O'CONNELL
 Caller Name: Not reported
 Caller Phone: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 PBS : Not reported
 Spiller Contact: RICHARD ROACH
 Spiller: CON ED
 Spiller Address: 4 IRVING PLACE
 MANHATTAN, NY 10003

Region of Spill: 2
 Reported to Dept: 10/30/1995 18:18
 Date Call Received: Not reported
 Amount Spilled 1 : Not reported

Spill Source: Other Commercial/Industrial
 Facility Tele: (212) 580-6763
 SWIS: 61
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Agency: Not reported
 Notifier Extension: Not reported

Spiller Phone: (212) 580-6764

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

Spill Closed Dt: Not Closed
 Spill Notifier: Responsible Party
 PBS Number: Not reported

Cleanup Ceased: Not reported
 Last Inspection: Not reported

Cleanup Meets Standard: False
 Recommended Penalty: Penalty Recommended
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: 02/26/1998
 Is Updated: False

Corrective Action Plan Submitted: Not reported

True Date : Not reported
 Date Spill Entered in Computer Data File: 10/30/1995
 Date Region Sent Summary to Central Office: Not reported

Tank Test:

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

NORTH 1ST ST TERMINAL (Continued)

S102233219

Material:
Material Class Type: 1
Quantity Spilled: 50
Units: Gallons
Unknown Qty Spilled: 50
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #6 FUEL OIL
Last Date: 07/28/1994
Num Times Material Entry In File: 2190
DEC Remarks: Not reported
Spill Cause: MOAT HAS ALL PRODUCT CONTAINED - BEGINING RECOVERY AT THIS TIME

N52
SSE
1/8-1/4
1246 ft.

CHROMIUM PLATING & POLISHING CORP
373 WYTHE AVE
BROOKLYN, NY 11211

RCRIS-LQG 1000334778
FINDS NYD041975715
LTANKS

Relative:
Higher

Actual:
36 ft.

Site 1 of 3 in cluster N

RCRIS:
Owner: MARIO FICHERA
(212) 555-1212
EPA ID: NYD041975715
Contact: MARIO FICHERA
(718) 387-9898
Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2001

Waste	Quantity (Lbs)
F006	5636670.56

Violation Status: Violations exist

Regulation Violated:	372/373
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	10/29/2003
Actual Date Achieved Compliance:	Not reported

Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/24/2004
Penalty Type:	Not reported

Regulation Violated:	372.2(a)(8)/373-3.4,3.3,3.2
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/07/2002
Actual Date Achieved Compliance:	Not reported

Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	04/24/2002
Penalty Type:	Proposed Monetary Penalty

Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/23/2003
Penalty Type:	Proposed Monetary Penalty

Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/24/2004

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

CHROMIUM PLATING & POLISHING CORP (Continued)

1000334778

Penalty Type: Proposed Monetary Penalty
 Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 06/02/1988
 Actual Date Achieved Compliance: 11/21/1988
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 08/10/1988
 Penalty Type: Not reported

Penalty Summary:	Penalty Description	Penalty Date	Penalty Amount	Lead Agency
	Final Monetary Penalty	6/23/2003	15000	STATE
	Proposed Monetary Penalty	4/24/2002	77500	STATE

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19881121

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- AIRS/AIRS Facility Subsystem (AIRS/AFS)
- Integrated Compliance Information System (ICIS)
- National Compliance Database (NCDB)
- National Toxics Inventory (NTI)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

LTANKS:

Spill Number: 8801453
 Spill Date: 05/17/1988 11:00
 ID: Not reported
 Material Spilled 1: Not reported
 Region Close Dt: Not reported
 Resource Affected: Groundwater
 Spill Cause: Tank Test Failure
 Water Affected: Not reported
 Facility Contact: Not reported
 Investigator: BATTISTA
 Caller Name: Not reported
 Caller Phone: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 PBS: Not reported
 Spiller Contact: Not reported
 Spiller: MARIO FIFCHERA(CONTACT)
 Spiller Address: 373 WYTHE AV
 BKLN, NY 11211
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 03/04/1994

Region of Spill: 2
 Reported to Dept: 05/17/1988 13:17
 Date Call Received: Not reported
 Amount Spilled 1: Not reported

Spill Source: Other Commercial/Industrial
 Facility Tele: Not reported
 SWIS: 61
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Agency: Not reported
 Notifier Extension: Not reported
 Spiller Phone: (718) 387-9898

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation



CHROMIUM PLATING & POLISHING CORP (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U003127546

Owner Mark: First Owner
 Owner Subtype: Not reported
 Mailing Address: CHROMIUM PLATING & POLISHING CORP
 ATTN: MARIO FICHERA
 373 WYTHE AVENUE
 BROOKLYN, NY 11211
 (718) 387-9898

Tank Status: In Service
 Capacity (gals): 5500
 Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
 Tank Id: 001
 Tank Type: Steel/carbon steel
 Tank Internal: EPOXY LINER
 Pipe Location: Above/Underground Combination
 Tank External: NONE
 Missing Data for Tank: No Missing Data
 Pipe External: NONE
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Vent Whistle
 Date Tested: 10/01/1988
 Date Closed: Not reported
 Deleted: False
 Dead Letter: False
 FMT: Fiscal amount for registration fee is correct
 Total Capacity: 5500
 Tank Screen: No data missing
 Renew Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/long: Not reported
 Facility Type: MANUFACTURING
 Town or City: NEW YORK CITY
 Town or City Code: 01
 County Code: 61
 Region: 2

Install Date: 05/01/1970
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Pipe Internal: EPOXY LINER
 Pipe Type: STEEL/IRON
 Dispenser: Suction
 Next Test Date: Not reported
 Test Method: HORNER
 Updated: True
 Owner Screen: No data missing
 Renewal Date: Not reported
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 11/12/1997
 Expiration Date: 05/07/2002
 Inspector: Not reported

N54
 SSE
 1/8-1/4
 1246 ft.

CHROMIUM PLATING
 373 WYTHE AVE
 BROOKLYN, NY 11211

RCRIS-SQG 1001079690
 NYN008001893

Site 3 of 3 in cluster N

Relative:
 Higher

RCRIS:
 Owner: UNK
 (212) 555-1212
 EPA ID: NYN008001893
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Actual:
 36 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

CHROMIUM PLATING (Continued)

1001079690

Violation Status: No violations found

M55
NE
1/8-1/4
1285 ft.

46-11 METROPOLITAN AVE
46-11 METROPOLITAN AVE
BROOKLYN, NY

LTANKS 9104275741
N/A

Site 2 of 6 in cluster M

Relative:
Higher

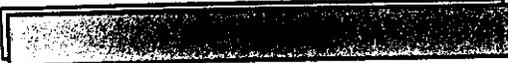
Actual:
16 ft.

LTANKS:

Spill Number: 9505833
Spill Date: 07/28/1995 12:00
ID: Not reported
Material Spilled 1: Not reported
Region Close Dt: Not reported
Resource Affectd: On Land
Spill Cause: Tank Failure
Water Affected: Not reported
Facility Contact: Not reported
Investigator: TOMASELLO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: Not reported
Spiller: SAME
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/12/1996
Spill Notifier: Other
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 05/15/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date: Not reported
Date Spill Entered In Computer Data File: 09/12/1995
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0

Region of Spill: 2
Reported to Dept: 08/11/1995 11:58
Date Call Received: Not reported
Amount Spilled 1: Not reported
Spill Source: Gas Station
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported
PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

46-11 METROPOLITAN AVE (Continued)

S104275741

Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: SEE FILE QUEENS VILLAGE FIELD OFFICE
Spill Cause: 10-12 550 GAL TANKS ON SITE - SOIL SAMPLES INDICATE GASOLINE IN -SOIL B
ELIEVED TANKS HAVE LEAKED OVER THE YEARS - SITE IS BEING CLOSED

M56 M & K GAS & AUTO REPAIRS INC
NE 50-02 METROPOLITAN AVE
1/8-1/4 BROOKLYN, NY 11237
1286 ft.

RCRIS-SQG 1000432492
FINDS NYD000824235

Site 3 of 6 in cluster M

Relative:
Higher
Actual:
17 ft.
RCRIS:
Owner: SUN OIL CO OF PENNSYLVANIA
(212) 555-1212
EPA ID: NYD000824235
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

57 BLISS & TANNENBAUM, L.P.
NE 58 METROPOLITAN AVENUE
1/8-1/4 BROOKLYN, NY 12201
1289 ft.

CBS UST S102641584
N/A

Relative:
Higher
Actual:
18 ft.
CBS UST:
CBS Number: 2-000298 ICS No: Not reported
PBS No: Not reported MOSF No: Not reported
Region: STATE Town: NEW YORK CITY
Operator: MENNA CONTAINER Facility Tel: (718) 388-4171
Emergency Contact: ROBERT TANNENBAUM, (305) 932-8785
Certification Date: 02/16/1996 Expiration Date: 02/16/1998
Owner: BLISS & TANNENBAUM, L.P.
Owner Address: 3530 MYSTIC POINT DR. TOWER 500 APT 2815
AVENTURA, FL 33180
Owner Phone: (305) 932-8785
Owner Type: Corporate/Commercial
Facility Type: MANUFACTURING
Mail To: EMULSION SYSTEMS INC
Mail Address: 70 E SUNRISE HIGHWAY
VALLEY STREAM, NY 11581
ATTN: JEAN APPLE
(516) 825-3232
SPDES No: Not reported Facility Status: CLOSED IN PLACE
Owner Subtype: Not reported
Tank Status: Temp. Out of Service
Tank Error Status: No Missing Data

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

BLISS & TANNENBAUM, L.P. (Continued)

S102841584

Total Tanks:	0	Capacity:	4000 Gals
Tank Location:	Underground		
Install Date:	00/90		
CAS No:	100425		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Double-Walled
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Sacrificial Anode		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	Electronic		
Overfill Protection:	1		
Chemical:	Styrene		
Tank Closed:	00/00	Date Entered:	02/15/1996 14:54:23
Tank Secret:	False	Due Date:	Not reported
Last Test:	Not reported		
SWIS Code:	6101		
Cert Flag:	False	Reserve Flag:	False
Case No:	Not reported	Federal Amt:	True
Pipe Flag:	False	Is Updated:	False
Is It There:	False	Lat/Long:	Not reported
Owner Mark:	1	Date Expired:	Not reported
Renew Date:	Not reported		
Total Capacity:	0		
Tank Number:	1		

M58
NE
1/8-1/4
1319 ft.

CONSOLIDATED EDISON NORTH FIRST STREET TERMINAL
214 KENT AVENUE
BROOKLYN, NY 11222

RCRIS-SQG 1000177903
FINDS NYD084077411

Relative:
Higher

Actual:
16 ft.

Site 4 of 6 in cluster M

RCRIS:
 Owner: NEPCO TERMINAL CORP
 (212) 555-1212
 EPA ID: NYD084077411
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

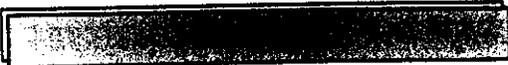
NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS/AIRS Facility Subsystem (AIRS/AFS)
 National Emissions Inventory (NEI)
 National Emissions Trends (NET)
 Permit Compliance System (PCS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

M59
 NE
 1/8-1/4
 1319 ft.

NORTH FIRST STREET FUEL OIL TERMINAL
214 KENT AVENUE
BROOKLYN, NY 11222

CBS AST
 MOSF UST
 MOSF AST

3102634104
 N/A

Site 5 of 6 in cluster M

Relative:
 Higher
 Actual:
 16 ft.

CBS AST:
 CBS Number: 2-000330 Telephone: (718) 834-3820
 Owner: CONSOLIDATED EDISON CO. OF NY, INC.
 4 IRVING PLACE
 NEW YORK, NY 10003
 (212) 460-4928

Facility Status: Active
 Total Tanks: 0
 Tank Status: 0
 Tank Error Status: No Missing Data
 Tank Location: Aboveground
 Install Date: 00/64
 Capacity (Gal): 3000
 Tank Type: Steel/carbon steel
 Substance: More than one Hazardous Substance on DEC List
 Extnl Protection: Painted/Asphalt Coating
 Intrnl Protection: None
 Tank Containment: None
 Pipe Type: STEEL/IRON Pipe Location: Aboveground
 Pipe Internal: None
 Pipe External: Painted/Asphalt Coating
 Pipe Containment: None Haz Percent: 6
 Leak Detection: None
 Overfill Protection: Not reported
 Chemical: Ethylene glycol
 Tank Closed: 12/99
 PBS Number: Not reported SWIS Code: 6101
 Federal ID: Not reported
 MOSF Number: 2-1480 CAS Number: 107211
 SPDES Number: 0-200999 ICS Number: Not reported
 Facility Type: Other
 Operator: SAUMIL SHUKLA Facility Town: NEW YORK CITY
 Emrgncy Contact: CENTRAL INFORMATION GROUP Emrgncy Phone: (212) 580-6763
 Certified Date: 01/14/1999 Expiration Date: 01/31/2001
 Owner type: Corporate/Commercial
 Owner Sub Type: Not reported
 Mail Name: CONSOLIDATED EDISON CO. OF NY., INC.
 Mail Contact: JANET R. FOX, DIRECTOR-COMPLIA
 4 IRVING PLACE
 ROOM 306S
 NEW YORK, NY 10003
 (212) 460-3988

Mail Phone: (212) 460-3988
 Tank Secret: False
 Last Test: Not reported
 Pipe Flag: False
 Renew Date: Not reported
 Is It There: False
 Owner Status: F

Date Entered: 01/29/1997 09:36:13
 Due Date: Not reported
 Owner Mark: 1
 Date Expired: Not reported
 Is Updated: False

Certificate Needs to be Printed: False
 Fiscal Amt for Registration Fee Correct: True
 Renewal Has Been Printed for Facility: True
 Total Capacity of All Active Tanks(gal): No
 Unique Tank Id Number: FF-4

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

NORTH FIRST STREET FUEL OIL TERMINAL (Continued)

3102634104

Date Pre-Printed Renewal App Form Was Last Printed: 10/01/1998

MOSF UST:
Facility ID: 2-1480 Facility Status: ACTIVE FACILITY
SWIS Code: 61 Facility Town: NEW YORK CITY
Tank Status: Closed-Removed Federal Id No: Not reported
Operator: WILTON CEDENO Contact Phone: (718) 834-3820
Owner: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003
Owner Tel: (212) 460-3968 Owner Type: UNDEFINED
Mail To: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003
ATTN: JANET R. FOX: DIRECTOR-COMPLIA
(212) 460-3968
Owner Status: 1 COI Date: / /
Legal Agent: OFFICE OF THE SECRETARY OF THE COMPANY
4 IRVING PLACE, ROOM 1618-S
NEW YORK, NY 10003
Date Filed: 09/84 CBS Number: Not reported
Emerg Contact: CIG, (212) 580-6765
SPDES Num: Not reported
Total Tanks: 8 Total Capacity: 31115023
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 0 License Stat: Issued
License Issued: 04/01/2001 Expiration Date: 03/31/2003
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge, Pipeline
Applic Rcvd: 01/05/2001 Tank ID: F06-7
Tank Location: Underground
Install Date: 12/65 Capacity (Gal): 10120
Product: Empty Tank Internal: None
Tank Type: Steel/carbon steel
Tank External: 12
Pipe Location: Aboveground/Underground Combination Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: 00
Second Contain: 00
Leak Detection: None
Overfill Protection: 23
Test Date: 10/97 Date Closed: Not reported
Lat/Long: 40|10|00 / 73|53|06
Inspected Date: 04/15/1997
Inspector Initials: AS
Owner Mark: 1 Operator Name: WILTON CEDENO
Prod Xfer Options: ACD Operator Name: WILTON CEDENO
Inspector Status: Not reported License Issued: 04/01/2001
Vessel Id: Not reported Renew Date: 11/27/2000
Pipe Flag: True Renew Flag: True
MOSF AST:
MOSF Number: 2-1480 Telephone: (718) 834-3820
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: Closed-Removed

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

NORTH FIRST STREET FUEL OIL TERMINAL (Continued)

8102634104

Owner: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003

Owner Tel: (212) 460-3968

Owner Type: Corporate/Commercial

Tank Status: In Service Tank ID: F06-1

Total Tanks: 8 Daily Throughput 0 Gal(s)

Tank Location: Aboveground Total Capacity: 31115023

Install Date: 12/65

Tank Type: Steel/carbon steel

Tank External: 12

Tank Internal: None

Product: Empty Capacity (gal): 5787007

Status of Data: Complete

Pipe Location: Aboveground Pipe Type: STEEL/IRON

Pipe Internal: None Dispenser: Suction

Pipe External: 05

Second Contain: 95

Leak Detection: 96

Overfill Protection: 42

Test Date: 12/91 Date Closed: Not reported

Dispensing Mthd: Suction Facility Town: NEW YORK CITY

SWIS Code: 61

Mailing Name: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003

Mailing Contact: JANET R. FOX: DIRECTOR-COMPLIA

Mailing Phone: (212) 460-3968

Pipe Flag: True

Reserve Flag: True

Legal Agent: OFFICE OF THE SECRETARY OF THE COMPANY
4 IRVING PLACE, ROOM 1618-S
NEW YORK, NY 10003

Date Legal Agent Filed with Secretary of State: 09/84

Name of Emergency Contact: CIG

Emergency Contact Telephone: (212) 580-6765

Chemical Bulk Storage Number: Not reported

Pollution Discharge Elimination System Num: Not reported

License Status: License Issued

Date License Application Received: 01/05/2001

Date License Issued: 04/01/2001

Product Transfer Operation: Tank Truck
Vessel/Barge (including off-shore platform)
Pipeline

Operator Name: WILTON CEDENO

Lat/Long: 40|10|00 / 73|53|06

Vessel ID: Not reported

Inspected State: Not reported

Inspected Date: 04/15/1997

Owner Status: 1

Owner Mark: 1

LIC Expires: 03/31/2003

Renew Date: 11/27/2000

Inspector Initials: AS

COI Date: / /

MOSF Number: 2-1480 Telephone: (718) 834-3620

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



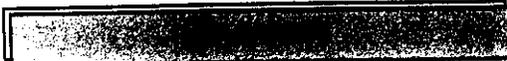
Database(s)
EDR ID Number
EPA ID Number

NORTH FIRST STREET FUEL OIL TERMINAL (Continued)

8102634104

Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: Closed-Removed
Owner: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003
Owner Tel: (212) 460-3968
Owner Type: Corporate/Commercial
Tank Status: In Service
Total Tanks: 8
Tank Location: Aboveground
Install Date: 12/85
Tank Type: Steel/carbon steel
Tank External: 12
Tank Internal: None
Product: Empty
Status of Data: Complete
Pipe Location: Aboveground
Pipe Internal: None
Pipe External: 05
Second Contain: 95
Leak Detection: 96
Overfill Protection: 42
Test Date: 12/91
Dispensing Mthd: Suction
SWIS Code: 61
Mailing Name: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003
Mailing Contact: JANET R. FOX: DIRECTOR-COMPLIA
Mailing Phone: (212) 460-3968
Pipe Flag: True
Reserve Flag: True
Legal Agent: OFFICE OF THE SECRETARY OF THE COMPANY
4 IRVING PLACE, ROOM 1618-S
NEW YORK, NY 10003
Date Legal Agent Filed with Secretary of State: 09/84
Name of Emergency Contact: CIG
Emergency Contact Telephone: (212) 580-6765
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: Not reported
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (including off-shore platform)
Pipeline
Operator Name: WILTON CEDENO
Lat/Long: 40|10|00 / 73|53|08
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 04/15/1997
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2003
Renew Date: 11/27/2000
Tank ID: F06-2
Daily Throughput: 0 Gal(s)
Total Capacity: 31115023
Capacity (gal): 2273423
Pipe Type: STEEL/IRON
Dispenser: Suction
Date Closed: Not reported
Facility Town: NEW YORK CITY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

NORTH FIRST STREET FUEL OIL TERMINAL (Continued)

8102634104

Inspector Initials: AS
COI Date: / /

MOSF Number: 2-1480 Telephone: (718) 834-3820
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: Closed-Removed
Owner: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003

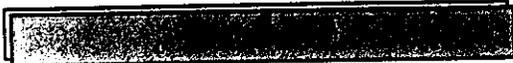
Owner Tel: (212) 460-3968
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: F06-3
Total Tanks: 8 Daily Throughput 0 Gal(s)
Tank Location: Aboveground Total Capacity: 31115023
Install Date: 12/65
Tank Type: Steel/carbon steel
Tank External: 12
Tank Internal: None
Product: Empty Capacity (gal): 5812006
Status of Data: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: 05
Second Contain: 95
Leak Detection: 96
Overfill Protection: 42
Test Date: 12/91 Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003

Mailing Contact: JANET R. FOX: DIRECTOR-COMPLIA
Mailing Phone: (212) 460-3968
Pipe Flag: True
Reserve Flag: True
Legal Agent: OFFICE OF THE SECRETARY OF THE COMPANY
4 IRVING PLACE, ROOM 1618-S
NEW YORK, NY 10003

Date Legal Agent Filed with Secretary of State: 09/84
Name of Emergency Contact: CIG
Emergency Contact Telephone: (212) 580-6765
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: Not reported
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (including off-shore platform)
Pipeline

Operator Name: WILTON CEDENO
Lat/Long: 40|10|00 / 73|53|06
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 04/15/1997

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

NORTH FIRST STREET FUEL OIL TERMINAL (Continued)

3102634104

Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2003
Renew Date: 11/27/2000
Inspector Initials: AS
COI Date: / /

MOSF Number: 2-1480 Telephone: (718) 834-3820
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: Closed-Removed
Owner: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003

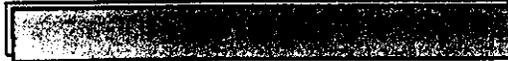
Owner Tel: (212) 460-3968
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: F06-4
Total Tanks: 8 Daily Throughput 0 Gal(s)
Tank Location: Aboveground Total Capacity: 31115023
Install Date: 12/67
Tank Type: Steel/carbon steel
Tank External: 10
Tank Internal: None
Product: Empty Capacity (gal): 5989032
Status of Data: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: 05
Second Contain: 50
Leak Detection: None
Overfill Protection: 42
Test Date: 12/79 Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003

Mailing Contact: JANET R. FOX: DIRECTOR-COMPLIA
Mailing Phone: (212) 460-3968
Pipe Flag: True
Reserve Flag: True
Legal Agent: OFFICE OF THE SECRETARY OF THE COMPANY
4 IRVING PLACE, ROOM 1618-S
NEW YORK, NY 10003

Date Legal Agent Filed with Secretary of State: 09/84
Name of Emergency Contact: CIG
Emergency Contact Telephone: (212) 580-6765
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: Not reported
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001
Product Transfer Operation: Tank Truck
Vessel/Barge (Including off-shore platform)
Pipeline

Operator Name: WILTON CEDENO

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

NORTH FIRST STREET FUEL OIL TERMINAL (Continued)

S102834104

Lat/Long: 40|10|00 / 73|53|06
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 04/15/1997
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2003
Renew Date: 11/27/2000
Inspector Initials: AS
COI Date: / /

MOSF Number: 2-1480 Telephone: (718) 834-3820
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: Closed-Removed
Owner: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003

Owner Tel: (212) 460-3968
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: F06-5
Total Tanks: 8 Daily Throughput 0 Gal(s)
Tank Location: Aboveground Total Capacity: 31115023
Install Date: 12/67
Tank Type: Steel/carbon steel
Tank External: 10
Tank Internal: None
Product: Empty Capacity (gal): 6000070
Status of Data: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: 05
Second Contain: 50
Leak Detection: None
Overfill Protection: 42
Test Date: 12/79 Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK CITY
Mailing Name: CONSOLIDATED EDISON COMPANY OF N.Y., INC.
4 IRVING PLACE, ROOM 826
NEW YORK, NY 10003

Mailing Contact: JANET R. FOX: DIRECTOR-COMPLIA
Mailing Phone: (212) 460-3968
Pipe Flag: True
Reserve Flag: True
Legal Agent: OFFICE OF THE SECRETARY OF THE COMPANY
4 IRVING PLACE, ROOM 1618-S
NEW YORK, NY 10003

Date Legal Agent Filed with Secretary of State: 09/84
Name of Emergency Contact: CIG
Emergency Contact Telephone: (212) 580-6765
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: Not reported
License Status: License Issued
Date License Application Received: 01/05/2001
Date License Issued: 04/01/2001

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

NORTH FIRST STREET FUEL OIL TERMINAL (Continued)

8102634104

Product Transfer Operation: Tank Truck
 Vessel/Barge (Including off-shore platform)
 Pipeline

Operator Name: WILTON CEDENO
 Lat/Long: 40|10|00 / 73|53|06
 Vessel ID: Not reported
 Inspected State: Not reported
 Inspected Date: 04/15/1997
 Owner Status: 1
 Owner Mark: 1
 LIC Expires: 03/31/2003
 Renew Date: 11/27/2000
 Inspector Initials: AS
 COI Date: / /

The NY AST MOSF database contains 2 additional records for this site.
 Please click here or contact your EDR Account Executive for more information.

**M60
 NE
 1/8-1/4
 1319 ft.**

**214 KENT AVE/BKLYN/CON ED
 214 KENT AVENUE
 BROOKLYN, NY**

**LTANKS S100146382
 NY Spills N/A**

Site 6 of 6 In cluster M

**Relative:
 Higher**

**Actual:
 16 ft.**

SPILLS:

Spill Number: 0011756 Region of Spill: 2
 Spill Date: 01/31/2001 11:30 Reported to Dept: 01/31/2001 13:26

ID: Not reported
 Date Call Received: Not reported
 Region Close Date: Not reported

Material Spilled 1: Not reported Amount Spilled 1: Not reported
 Spill Cause: Abandoned Drums Resource Affected: On Land
 Water Affected: Not reported Spill Source: Unknown
 Facility Contact: BILL MURPHY Facility Tele: (212) 580-6763
 Investigator: OKWUOHA SWIS: 61
 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
 PBS: Not reported
 Spiller Contact: SAME Spiller Phone: (212) 580-6763
 Spiller: CON ED
 Spiller Address: 4 IRVING PLACE
 MANHATTAN, NY

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 08/20/2001
 Spill Notifier: Affected Persons PBS Number: Not reported
 Cleanup Ceased: Not reported
 Last Inspection: Not reported
 Cleanup Meets Standard: False
 Recommended Penalty: Penalty Not Recommended
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: 10/18/2001
 Is Updated: False
 Corrective Action Plan Submitted: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

214 KENT AVE/BKLYN/CON ED (Continued)

S100146382

Date Spill Entered In Computer Data File: 01/31/2001
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: 2
Quantity Spilled: 2
Units: Gallons
Unknown Qty Spilled: 2
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: ETHYLENE GLYCOL
Class Type: Hazardous
Chem Abstract Service Number: ETHYLENE GLYCOL
Last Date: Not reported
Num Times Material Entry In File: 0

Remark: material found in a 5 gal container in a fire extinguishing solvent - can ruptured causing spill. clean up in progress. con ed 135-315

DEC Remarks: E2MIS Notes 1/31/10: 5gallon plastic container of 3 cold aer-o-foam had broken and spilled on concrete floor. Foam contains <6 ethylene glycol. Clean up in progress. 2/1/01: 0900 HRS: CLEANUP OF SPILL WAS COMPLETED BY ALL STATE POWERVAC AT 1455 HOURS ON 1/31/2001. ON REMOVAL OF AEROF OAM CONTAINERS, IT WAS FOUND THAT ONE CONTAINER CRACKED AND LEAKED APPROXIMATELY HALF OF ITS CONTAINERS AND ANOTHER CONTAINER HAD A PIN HOLE IN IT APPROXIMATELY HALF OF ITS CONTENTS LEAKED. A TOTAL OF 5 GALLONS OF AEROF OAM HAD LEAKED ONTO CONCRETE FLOOR. THERE WAS NO THREAT TO SEWERS OR WATERWAY. THE CONTAINERS WHICH WERE STACKED FOUR HIGH, WERE RESTACKED TWO HIGH AND THE LEAKING CONTAINERS WERE PLACED IN OVERPACKS. 3/8/2001: NO SAMPLES WERE TAKEN DUE TO KNOWN MATERIAL AND AVAILABILITY OF THE MSDS FOR THAT PRODUCT. ARS

This is the most recent NY SPILLS record for this site.

The NY SPILLS database may contain additional details for this site.
Please click here or contact your EDR Account Executive for more information.

LTANKS:

Spill Number:	9007596	Region of Spill:	2
Spill Date:	10/10/1990 09:00	Reported to Dept:	10/10/1990 13:00
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1:	Not reported	Amount Spilled 1:	Not reported
Region Close Dt:	Not reported		
Resource Affected:	Groundwater		
Spill Cause:	Tank Failure	Spill Source:	Major Facility 400,000 gallons
Water Affected:	Not reported	Facility Tele:	Not reported
Facility Contact:	Not reported	SWIS:	61
Investigator:	ENGELHARDT	Caller Agency:	Not reported
Caller Name:	Not reported	Caller Extension:	Not reported
Caller Phone:	Not reported	Notifier Agency:	Not reported
Notifier Name:	Not reported	Notifier Extension:	Not reported
Notifier Phone:	Not reported		
PBS:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

214 KENT AVE/BKLYN/CON ED (Continued)

S100146382

Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: CON EDISON
Spiller Address: Not reported
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Spill Notifier: Other PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 11/15/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date: Not reported
Date Spill Entered in Computer Data File: 10/30/1990
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 15000
Units: Gallons
Unknown Qty Spilled: 15000
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #6 FUEL OIL
Last Date: 07/28/1994
Num Times Material Entry In File: 2190
DEC Remarks: 10/10/90: CON EDISON HAS INITIATED BIDS TO CLEAN UP OIL IN DIKE INSPECT THE LEAKING TANK, APPROXIMATELY 6 INCHES OF PRODUCT REMAINS IN ALL THREE COMPARTMENTS. 11/15/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/15/94
Spill Cause: TANK AREA A HOLDING COMPARTMENTS 100, 200 300,132,000 BARRELS, 51,000 BARRELS 132,000 BARRELS WERE DISCOVERED TO BE LEAKING 4 MONTHS AGO, OIL LEAKED INTO DIKED AREA.

61
ESE
1/4-1/2
1337 ft.

108 SOUTH 2ND STREET
108 SOUTH 2ND ST
BROOKLYN, NY

LTANKS S104516800
N/A

Relative:
Higher

Actual:
50 ft.

LTANKS:

Spill Number: 9913287
Spill Date: 02/23/2000 13:30
ID: Not reported
Material Spilled 1: Not reported
Region Close Dt: Not reported

Region of Spill: 2
Reported to Dept: 02/23/2000 14:07
Date Call Received: Not reported
Amount Spilled 1: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

108 SOUTH 2ND STREET (Continued)

S104516600

Resource Affected: On Land
Spill Cause: Tank Overfill
Water Affected: Not reported
Facility Contact: KENNETH NATTON
Investigator: SIGONA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: BILL CROCKER
Spiller: BORO FUEL OIL
Spiller Address: 2 CHURCH AVENUE
BROOKLYN, NY 11218
Spill Source: Tank Truck
Facility Tele: (718) 387-1328
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 854-7500
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/07/2000
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 03/07/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date: Not reported
Date Spill Entered in Computer Data File: 02/23/2000
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 10
Units: Gallons
Unknown Qty Spilled: 10
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry in File: 24464
DEC Remarks: On February 23rd, DEC Sigona responded to a tank overfill at 108 south 2
nd Street, Brooklyn. Determined that approximately 25 gallons of No. 2
fuel spilled into basement from a leak in vent pipe. The spill occurred
when the tank was overfilled by oil company earlier in the day. Tri state
Environmental was hired by insurance company for Boro Fuel Oil Company.
The petroleum vapors were vented to the street level by fans installed i

Map ID
 Direction
 Distance
 Elevation (ft.)
 Elevation Site



Database(s)
 EDR ID Number
 EPA ID Number

108 SOUTH 2ND STREET (Continued)

S104518600

n the basement. The cleanup involved the removal of surface materials and wall coverings. There was no indications that the oil impacted soils underneath the basement floor which appeared to be in good condition, with an epoxy coating. The homeowner was satisfied with the effort by both DEC and the contractor. The homeowner mentioned that he was surprised that an agency actually responded to such spills. The homeowner thought the people who drive environmental trucks, just eat coffee and donuts, and open manhole covers, etc.

Spill Cause: DRIVER OVERFILLED THE TANK - SPILLED TO STAIRS AND BASEMENT - CLEAN UP COMPANY E/R

62
 South
 1/4-1/2
 1391 ft.

390 KENT AVE/BKLYN
 390 KENT AVE
 NEW YORK CITY, NY

LTANKS S100144666
 N/A

Relative:
 Higher

Actual:
 17 ft.

LTANKS:

Spill Number: 8710648
 Spill Date: 03/21/1988 13:00
 ID: Not reported
 Material Spilled 1: Not reported
 Region Close Dt: Not reported
 Resource Affectd: Groundwater
 Spill Cause: Tank Test Failure
 Water Affected: Not reported
 Facility Contact: Not reported
 Investigator: BATTISTA
 Caller Name: Not reported
 Caller Phone: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 PBS: Not reported
 Spiller Contact: Not reported
 Spiller: NYC- OWNS BLDG
 Spiller Address: Not reported
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Region of Spill: 2
 Reported to Dept: 03/21/1988 15:08
 Date Call Received: Not reported
 Amount Spilled 1: Not reported

Spill Source: Other Non Commercial/Industrial
 Facility Tele: Not reported
 SWIS: 61
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Agency: Not reported
 Notifier Extension: Not reported

Spiller Phone: (718) 963-9354

Spill Closed Dt: Not Closed
 Spill Notifier: Tank Tester
 Cleanup Ceased: Not reported
 Last Inspection: Not reported
 Cleanup Meets Standard: False
 Recommended Penalty: Penalty Not Recommended
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: 12/06/1994
 Is Updated: False
 Corrective Action Plan Submitted: Not reported
 True Date: Not reported
 Date Spill Entered In Computer Data File: 03/22/1988
 Date Region Sent Summary to Central Office: Not reported
 Tank Test:
 PBS Number: Not reported
 Tank Number: Not reported
 Test Method: Not reported
 Capacity of Failed Tank: 0
 Leak Rate Failed Tank: 0.00

PBS Number: 2-217166

Map ID
Direction
Distance
Distance (ft.)
Elevation



Database(s)
EDR ID Number
EPA ID Number

390 KENT AVE/BKLYN (Continued)

S100144666

Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #4 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
DEC Remarks: Not reported
Spill Cause: 2) 5K TANK SYSTEMS FAILED HORNER EZY CHECK, WOULDNT T STABILIZE IN STANDP
IPE.

63 98-116 SOUTH 4TH STREET (EL PUENTE)
SE 98-116 SOUTH 4TH STREET
1/4-1/2 BROOKLYN, NY 11211
1441 ft.

VCP S104517527
N/A

Relative: NY VCP:
Higher Facility ID : V00094
Region : 2
Actual: 48 ft.

64 LOCAL TRANSFER STATION
SE 353 BERRY STREET
1/4-1/2 BROOKLYN, NY 11211
1484 ft.

SWF/LF S105841732
N/A

Relative: LF:
Higher Secondary Addr : Not reported
Phone Number : 0
Owner Type : Not reported
Owner Address : Not reported
Not reported
Owner Email : Not reported
Contact Name : JOHN RIVERA; DRIVER
Contact Address : Not reported
Not reported
Contact Email : Not reported
Activity Desc : Transfer station - regulated
Activity Number : 24T71
Active : No
North Coordinate : Not reported
Regulatory Status : Not reported
Waste Type : Not reported
Authorization # : None
Expiration Date : Not reported
Region Code : 2
Owner Name : Not reported
Owner Phone : Not reported
Contact Phone : Not reported
Accuracy Code : Not reported
East Coordinate : Not reported
Authorization Date : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

LOCAL TRANSFER STATION (Continued)

S105841732

65
South
1/4-1/2
1568 ft.

CONTAINER SERVICE CORP.
36 BROADWAY
BROOKLYN, NY 11211

SWF/LF **S105841712**
N/A

Relative:
Higher

LF:

Secondary Addr : Not reported
Phone Number : 0

Region Code : 2
Owner Name : Not reported

Actual:
27 ft.

Owner Type : Not reported
Owner Address : Not reported
Not reported
Not reported

Owner Email : Not reported
Contact Name : LOUIE BRANDEFINO; MANAGER
Contact Address : Not reported
Not reported
Not reported

Owner Phone : Not reported

Contact Email : Not reported
Activity Desc : Transfer station - regulated
Activity Number : 24T51

Contact Phone : Not reported

Active : No

Accuracy Code : Not reported
East Coordinate : Not reported

North Coordinate : Not reported

Regulatory Status : Not reported

Waste Type : Not reported

Authorization # : 2-6101-00009

Authorization Date : Not reported

Expiration Date : Not reported

66
NE
1/4-1/2
1643 ft.

V. M. TRANSFER; LTD.(CARDELLA)
175 KENT AVE
BROOKLYN, NY 11211

SWF/LF **S105841759**
N/A

Relative:
Higher

LF:

Secondary Addr : Not reported
Phone Number : 5162863322

Region Code : 2
Owner Name : Not reported

Actual:
13 ft.

Owner Type : Not reported
Owner Address : Not reported
Not reported
Not reported

Owner Email : Not reported
Contact Name : VINCENT MORIBITO; OWNER
Contact Address : Not reported
Not reported
Not reported

Owner Phone : Not reported

Contact Email : Not reported
Activity Desc : Transfer station - regulated
Activity Number : 24T64

Contact Phone : Not reported

Active : No

Accuracy Code : Not reported
East Coordinate : Not reported

North Coordinate : Not reported

Regulatory Status : Not reported

Waste Type : Not reported

Authorization # : 2-6101-00066

Authorization Date : Not reported

Expiration Date : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation



V. M. TRANSFER; LTD.(CARDELLA) (Continued)

Database(s)
 EDR ID Number
 EPA ID Number

67
 NE
 1/4-1/2
 1830 ft.

JORAL CARTING INC.
 157 KENT AVE.
 BROOKLYN, NY 12211

SWF/LF S105841726
 N/A

Relative:
 Higher

LF:

Secondary Addr : Not reported
 Phone Number : 7186287907
 Owner Type : Not reported
 Owner Address : Not reported
 Not reported
 Not reported

Region Code : 2
 Owner Name : Not reported

Actual:
 12 ft.

Owner Email : Not reported
 Contact Name : ANTHONY SPENSIERI; SUPERVISOR
 Contact Address : Not reported
 Not reported
 Not reported

Owner Phone : Not reported

Contact Email : Not reported
 Activity Desc : Transfer station - regulated
 Activity Number : 24T62

Contact Phone : Not reported

Active : No
 North Coordinate : Not reported
 Regulatory Status : Not reported
 Waste Type : Not reported
 Authorization # : 2-6101-00021
 Expiration Date : Not reported

Accuracy Code : Not reported
 East Coordinate : Not reported

Authorization Date : Not reported

68
 SSE
 1/4-1/2
 1831 ft.

97 BROADWAY
 97 BROADWAY
 BROOKLYN, NY

LTANKS S105999733
 N/A

Relative:
 Higher

LTANKS:

Spill Number: 0330029
 Tank Number: Not reported
 Test Method: Not reported
 Spill Date: 08/27/2003
 ID: 28670

Region of Spill: 2
 Tank Size : Not reported
 Leak Rate: Not reported
 Reported to Dept: Not reported
 Date Call Received: 08/27/2003
 Amount Spilled 1 : Unknown Gal.

Material Spilled 1 #2 FUEL OIL
 Region Close Dt : / /
 Resource Affectd: GROUNDWATER
 Spill Cause: TANK FAILURE
 Water Affected: Not reported

Spill Source: NON MAJOR FACILITY 1,100 GAL

069
 NNE
 1/4-1/2
 2086 ft.

USA WASTE OF NYC
 2 N 5TH ST
 BROOKLYN, NY

LTANKS S102662713
 N/A

Relative:
 Higher

Site 1 of 2 in cluster O

LTANKS:

Spill Number: 9609934
 Spill Date: 11/08/1996 12:00
 ID: Not reported
 Material Spilled 1 : Not reported
 Region Close Dt : Not reported
 Resource Affectd: On Land

Region of Spill: 2
 Reported to Dept: 11/08/1996 14:41
 Date Call Received: Not reported
 Amount Spilled 1 : Not reported

Actual:
 7 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

USA WASTE OF NYC (Continued)

S102662713

Spill Cause: Tank Overfill
Water Affected: Not reported
Facility Contact: RODNEY WOOSTER
Investigator: O'DOWD
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS : Not reported
Spiller Contact: RODNEY WOOSTER
Spiller: USA WASTE OF NYC
Spiller Address: 2 N 5TH ST
BROOKLYN, NY
Spill Source: Other Commercial/Industrial
Facility Tele: (718) 384-5151
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 384-5151
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 11/18/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 11/08/1996
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
DEC Remarks: Not reported
Spill Cause: during removal of tanks found contaminated soil

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation



070
 NNE
 1/4-1/2
 2086 ft.

NEKBOH RECYCLING INC. (2 N. 5TH ST.)
 2 NORTH 5TH STREET
 BROOKLYN, NY 11211

Database(s)
 EDR ID Number
 EPA ID Number

SWF/LF S105841744
 N/A

Site 2 of 2 in cluster 0

Relative:
 Higher

Actual:
 7 ft.

LF:

Secondary Addr : Not reported
 Phone Number : 7183845151
 Owner Type : Not reported
 Owner Address : Not reported
 Not reported
 Not reported
 Owner Email : Not reported
 Contact Name : PHILIP BARRETTI;PRESIDENT
 Contact Address : Not reported
 Not reported
 Not reported
 Contact Email : Not reported
 Activity Desc : C&D processing - registered
 Activity Number : 24W63
 Active : No
 North Coordinate :Not reported
 Regulatory Status :Not reported
 Waste Type : Not reported
 Authorization # : 2-6101-00013
 Expiration Date : Not reported

Region Code : 2
 Owner Name : Not reported

Owner Phone : Not reported

Contact Phone : Not reported

Accuracy Code : Not reported
 East Coordinate : Not reported

Authorization Date :Not reported

Secondary Addr : Not reported
 Phone Number : 7185335308
 Owner Type : Not reported
 Owner Address : Not reported
 Not reported
 Not reported
 Owner Email : Not reported
 Contact Name : Tara Hemmer
 Contact Address : Not reported
 Not reported
 Not reported
 Contact Email : Not reported
 Activity Desc : Source separated solid waste recyclables
 Activity Number : 24MD8
 Active : No
 North Coordinate :Not reported
 Regulatory Status :Not reported
 Waste Type : Not reported
 Authorization # : 2-6101-00013
 Expiration Date : Not reported

Region Code : 2
 Owner Name : Not reported

Owner Phone : Not reported

Contact Phone : Not reported

Accuracy Code : Not reported
 East Coordinate : Not reported

Authorization Date :Not reported

71
 West
 1/4-1/2
 2604 ft.

NYC DOT
 DELANCY STREET/MANGIN ST
 MANHATTAN, NY

LTANKS S102673125
 N/A

Relative:
 Higher

Actual:
 6 ft.

LTANKS:

Spill Number: 9511712
 Spill Date: 12/15/1995 13:00
 ID: Not reported
 Material Spilled 1 :Not reported
 Region Close Dt : Not reported
 Resource Affectd: On Land

Region of Spill: 2
 Reported to Dept: 12/15/1995 16:54
 Date Call Received:Not reported
 Amount Spilled 1 : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s)
EDR ID Number
EPA ID Number

NYC DOT (Continued)

S102673125

Spill Cause: Tank Overfill
Water Affected: Not reported
Facility Contact: JIM VALENTI
Investigator: TIBBE
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS: Not reported
Spiller Contact: TIM FARINI
Spiller: KEYSTONE CONSTRUCTION
Spiller Address: 138 BROADWAY
BROOKLYN, NY 11211
Spill Source: Unknown
Facility Tele: (718) 388-1913
SWIS: 62
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 963-2178
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/15/1995
Spill Notifier: Other
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 01/27/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date: Not reported
Date Spill Entered In Computer Data File: 12/15/1995
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 30
Units: Gallons
Unknown Qty Spilled: 30
Quantity Recovered: 30
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: CLEANED BY CONTRACTOR.
Spill Cause: spill has been contained on concrete slab and has been remediated by contractor on site

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation



Database(s)
 EDR ID Number
 EPA ID Number

NYC DOT (Continued)

S102673125

72
NNE
1/4-1/2
2609 ft.
NEKBOH RECYCLING(5 N. 7TH ST. REGISTRATI
5 NORTH 7TH STREET (KENT AVE BETWEEN NORTH 6 TO N
BROOKLYN, NY 11211

SWF/LF **S105841914**
N/A

Relative: **LF:**
Higher Secondary Addr : Not reported Region Code : 2
 Phone Number : 7183845151 Owner Name : Not reported
Actual: Owner Type : Not reported
 7 ft. Owner Address : Not reported
 Not reported
 Not reported
 Owner Email : Not reported Owner Phone : Not reported
 Contact Name : PHILIP BARRETTI
 Contact Address : Not reported
 Not reported
 Not reported
 Contact Email : Not reported Contact Phone : Not reported
 Activity Desc : C&D processing - registered
 Activity Number : 24WC3
 Active : No Accuracy Code : Not reported
 North Coordinate :Not reported East Coordinate : Not reported
 Regulatory Status Not reported
 Waste Type : Not reported
 Authorization # : None Authorization Date :Not reported
 Expiration Date : Not reported

73
South
1/2-1
2643 ft.
PEOPLES GAS LIGHT CO.
472 KENT AVE.
BROOKLYN, NY 11211

Coal Gas **G000000389**
N/A

Relative: **COAL GAS SITE DESCRIPTION:**
Higher Site is between S. 10th St and S. 11th St. and between Kent Ave. and the East River. (D12)
 ©Copyright 1993 Real Property Scan, Inc.
Actual:
 17 ft.

74
NE
1/2-1
3635 ft.
WILLIAMSBURGH GAS LIGHT CO.
41 N. 11TH ST.
BROOKLYN, NY 11211

Coal Gas **G000000438**
N/A

Relative: **COAL GAS SITE DESCRIPTION:**
Higher Site is on the eastern side of Kent Ave., between 11th St. and 13th St. Site is bordered on
 the west by the East River. (D11) Site is a CERCLIS Site I.D. #NYD980532030
Actual:
 14 ft. ©Copyright 1993 Real Property Scan, Inc.

Map ID
Direction
Distance
Distance (ft.)
Elevation



Site

Database(s)

EDR ID Number
EPA ID Number

75
South
1/2-1
3748 ft.

**NASSAU GAS LIGHT CO.
540 KENT AVE.
BROOKLYN, NY 11211**

Coal Gas G000000437
N/A

Relative:
Higher

COAL GAS SITE DESCRIPTION:
Site is on the western side of Kent Ave. between Clymer St. and Division St. (D12) Site is a
CERCLIS Site I.D. #NYD980531990

Actual:
14 ft.

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76
NNW
1/2-1
4040 ft.

**NEW YORK MUTUAL GAS CO.
142 AVENUE D
NEW YORK, NY 10009**

Coal Gas G000000358
N/A

Relative:
Higher

COAL GAS SITE DESCRIPTION:
Site includes the area east of Avenue D between 11th St. and 13th St. Site also includes
area west of Avenue D between 12th St. and 13th St. Site later called Consolidated Gas Co.
(E19, F19)

Actual:
9 ft.

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77
NNW
1/2-1
4149 ft.

**NEW YORK MUTUAL GAS LIGHT CO.
156 AVENUE D
NEW YORK, NY 10009**

Coal Gas G000000374
N/A

Relative:
Higher

COAL GAS SITE DESCRIPTION:
Site is on the eastern side of Avenue D, between 10th St. and 12th St. Site is also on the
eastern side of Avenue D between 11th St. and 12th St. (F19)

Actual:
8 ft.

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78
SSE
1/2-1
4924 ft.

**NASSAU GAS LIGHT CO.
46 KEEP ST.
BROOKLYN, NY 11211**

Coal Gas G000000390
N/A

Relative:
Higher

COAL GAS SITE DESCRIPTION:
Site was a Gas Holder. (D12)

Actual:
16 ft.

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ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Databases(\$)
BROOKLYN	S10214931	N3 AND N4TH STREET	N3 / N 4TH STREET		NY Spills
BROOKLYN	S106122309	PEOPLES WORKS	SOUTH 10TH AND 11TH STREETS AN	11211	VCP
BROOKLYN	S102147942	SOUTH 2ND ST.	SOUTH 2ND ST.		NY Spills
BROOKLYN	S105841709	BJR REALTY CORP.	60 SOUTH 2ND STREET (WYTHE ST.	11211	SWF/LF
BROOKLYN	S104790287	WYTHE AV/	SO 5TH ST		NY Spills
BROOKLYN	S104962707	NORTH 11 STREET	AND KENT STREET		NY Spills
BROOKLYN	S105052845	NEW YORK POWER AUTHORITY	NORTHWEST CORNER OF NORTH 1ST	11211	CBS AST
BROOKLYN	S102149481	ON HWY KENT AVE-EXIT OF	ON HWY KENT AVE.EXIT OF.		NY Spills
BROOKLYN	S102872857	BUG, PEOPLES WORKS	KENT AVE.	11211	HSWDS
BROOKLYN	S106122181	KENT TERMINAL	KENT AVE. BETWEEN 5TH-11TH ST.	11211	VCP
BROOKLYN	S106122349	PEOPLES WORKS	KENT AVE. S. 10TH ST., S. 11TH	11211	VCP
BROOKLYN	S106124888		KENT AVE/WILLABUP AVE		NY Spills
BROOKLYN	S106009108	BQE AND	KENT AV EXIT		NY Spills
BROOKLYN	S103574631	VAULT 1196	1198 KENT AVE		NY Spills
BROOKLYN	1003963953	BKLYN UNION GAS /WILLIAMSBURGH WOR	KENT AVE N 12TH ST /E RIV	11211	CERC-NFRAP
BROOKLYN	1003963959	BKLYN UNION GAS /PEOPLES WORKS	KENT AVE S 10TH & 11TH STS	11211	CERC-NFRAP
BROOKLYN	S105942282	NORTH AMERICAN RECYCLING, INC	KENT AVE / CLYMER STREET BRO	11211	SWF/LF
BROOKLYN	1000791719	NYCDOT METROPOLITAN AVE BRG #22402	METROPOLITAN AVE BRG OVER	11211	RCRIS-SQG, FINDS
BROOKLYN	S1003598274	EAST SIDE OF KENT AVE	EAST SIDE OF KENT AVE		NY Spills
BROOKLYN	S103275163	ENG CO. 221 - 161 SOUTH	2ND ST		NY Spills
BROOKLYN	1007206420	CON ED - MH 64824	WYTHE AVE 115 W/O 5 ST	11211	RCRIS-SQG
BROOKLYN	S106122366	WYTHE AVE (BERRY ST.) STATION	WYTHE AVE., BERRY ST., N 12TH	11211	VCP

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D004	ARSENIC
D005	BARIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D018	BENZENE
D022	CHLOROFORM
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE



Code	Description
	ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
U080	METHANE, DICHLORO-
U080	METHYLENE CHLORIDE
U188	PHENOL

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

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: 01/29/04

Date Made Active at EDR: 02/27/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/06/04

Elapsed ASTM days: 21

Date of Last EDR Contact: 02/06/04

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 817-918-1143

EPA Region 6

Telephone: 214-655-6659

EPA Region 3

Telephone 215-814-5418

EPA Region 8

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 01/07/04

Date Made Active at EDR: 02/27/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/06/04

Elapsed ASTM days: 21

Date of Last EDR Contact: 02/06/04

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

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: 02/26/04

Date Made Active at EDR: 04/02/04

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/04

Elapsed ASTM days: 11

Date of Last EDR Contact: 03/22/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT

Date of Government Version: 02/26/04
Date Made Active at EDR: 04/02/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/04
Elapsed ASTM days: 11
Date of Last EDR Contact: 03/22/04

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/04
Date Made Active at EDR: 04/15/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/25/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/08/04

RCRIS: Resource Conservation and Recovery Information System

Source: EPA
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 03/09/04
Date Made Active at EDR: 04/02/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/18/04
Elapsed ASTM days: 15
Date of Last EDR Contact: 01/19/04

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/26/04
Elapsed ASTM days: 46
Date of Last EDR Contact: 01/26/04

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

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: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

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: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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: 01/09/04

Database Release Frequency: Annually

Date of Last EDR Contact: 04/05/04

Date of Next Scheduled EDR Contact: 07/05/04

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: N/A

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: 01/29/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/04

Date of Next Scheduled EDR Contact: 05/01/04

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

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: 04/08/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04

Date of Next Scheduled EDR Contact: 07/05/04

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/18/03

Database Release Frequency: Annually

Date of Last EDR Contact: 04/20/04

Date of Next Scheduled EDR Contact: 07/19/04

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

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: 01/15/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04

Date of Next Scheduled EDR Contact: 07/05/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 03/05/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/04

Date of Next Scheduled EDR Contact: 06/28/04

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4287

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS MANAGEMENT DATA DIRECTORY

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/12/04
Date of Next Scheduled EDR Contact: 05/24/04

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

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: 12/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 02/09/04
Date of Next Scheduled EDR Contact: 05/10/04

DOD: Department of Defense Sites

Source: USGS

Telephone: 703-692-8801

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: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/10/04

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency

Telephone: 202 564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: N/A
Database Release Frequency: Quarterly

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

INDIAN RESERV: Indian Reservations

Source: USGS

Telephone: 202-208-3710

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: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/10/04

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

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 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: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/15/04
Date of Next Scheduled EDR Contact: 06/14/04

RMP: Risk Management Plans

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

GOVERNMENT

Date of Government Version: N/A
Database Release Frequency: N/A

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285

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: 10/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/05/04

RAATS: RCRA Administrative Action Tracking System
Source: EPA

Telephone: 202-564-4104

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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

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: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 03/23/04
Date of Next Scheduled EDR Contact: 06/21/04

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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: 12/31/02
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/05/04
Date of Next Scheduled EDR Contact: 06/07/04

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 01/21/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

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: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/04
Date of Next Scheduled EDR Contact: 07/19/04

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

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: 01/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

STATE OF NEW YORK ASTM STANDARD RECORDS**SHWS: Inactive Hazardous Waste Disposal Sites in New York State**

Source: Department of Environmental Conservation

Telephone: 518-402-9553

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/01/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 02/27/04
Elapsed ASTM days: 14
Date of Last EDR Contact: 02/23/04

SWF/LF: Facility Register

Source: Department of Environmental Conservation

Telephone: 518-457-2051

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: 02/01/04
Date Made Active at EDR: 03/09/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/10/04
Elapsed ASTM days: 28
Date of Last EDR Contact: 02/03/04

LTANKS: Spills Information Database

Source: Department of Environmental Conservation

Telephone: 518-402-9549

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: 02/10/04
Date Made Active at EDR: 03/09/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/18/04
Elapsed ASTM days: 20
Date of Last EDR Contact: 01/26/04

UST: Petroleum Bulk Storage (PBS) Database

Source: Department of Environmental Conservation

Telephone: 518-402-9549

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 01/26/04

CBS UST: Chemical Bulk Storage Database

Source: NYSDEC

Telephone: 518-402-9549

Facilities that store regulated hazardous substances in underground tanks of any size

GOVERNMENT
Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 01/26/04

MOSF UST: Major Oil Storage Facilities Database

Source: NYSDEC

Telephone: 518-402-9549

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 01/26/04

VCP: Voluntary Cleanup Agreements

Source: Department of Environmental Conservation

Telephone: 518-402-9711

The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 03/17/04
Date Made Active at EDR: 04/28/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/16/04
Elapsed ASTM days: 12
Date of Last EDR Contact: 03/16/04

SWRCY: Registered Recycling Facility List

Source: Department of Environmental Conservation

Telephone: 518-402-8705

A listing of recycling facilities.

Date of Government Version: 02/19/04
Date Made Active at EDR: 04/08/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/17/04
Elapsed ASTM days: 22
Date of Last EDR Contact: 02/17/04

SWTIRE: Registered Waste Tire Storage & Facility List

Source: Department of Environmental Conservation

Telephone: 518-402-8694

Date of Government Version: 11/01/03
Date Made Active at EDR: 12/10/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/17/03
Elapsed ASTM days: 23
Date of Last EDR Contact: 02/20/04

STATE OF NEW YORK ASTM SUPPLEMENTAL RECORDS

HSWDS: Hazardous Substance Waste Disposal Site Inventory

Source: Department of Environmental Conservation

Telephone: 518-402-9564

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: 09/01/02
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

AST: Petroleum Bulk Storage

Source: Department of Environmental Conservation

Telephone: 518-402-9549

Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 01/26/04
Date of Next Scheduled EDR Contact: 04/26/04

CBS AST: Chemical Bulk Storage Database

Source: NYSDEC

Telephone: 518-402-9549

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: 01/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 01/26/04
Date of Next Scheduled EDR Contact: 04/26/04

MOSF AST: Major Oil Storage Facilities Database

Source: NYSDEC

Telephone: 518-402-9549

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 01/26/04
Date of Next Scheduled EDR Contact: 04/26/04

SPILLS: Spills Information Database

Source: Department of Environmental Conservation

Telephone: 518-402-9549

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: 02/10/04
Database Release Frequency: Varies

Date of Last EDR Contact: 01/26/04
Date of Next Scheduled EDR Contact: 04/26/04

DEL SHWS: Delisted Registry Sites

Source: Department of Environmental Conservation

Telephone: 518-402-9553

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 04/01/03
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

MANIFEST: Facility and Manifest Data

Source: Department of Environmental Conservation

Telephone: 518-402-8651

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

Date of Government Version: 03/17/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

LOCAL RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

Source: Cortland County Health Department

Telephone: 607-753-5035

Date of Government Version: 03/18/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

Cortland County Storage Tank Listing

Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 03/18/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

NASSAU COUNTY:

Registered Tank Database

Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/03/04
Date of Next Scheduled EDR Contact: 05/01/04

Registered Tank Database

Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/03/04
Date of Next Scheduled EDR Contact: 05/01/04

Storage Tank Database

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: 08/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/09/04
Date of Next Scheduled EDR Contact: 05/10/04

Storage Tank Database

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: 08/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/09/04
Date of Next Scheduled EDR Contact: 05/10/04

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 02/09/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

Petroleum Bulk Storage Database

Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 02/09/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

SUFFOLK COUNTY:

Storage Tank Database

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/04
Date of Next Scheduled EDR Contact: 05/31/04

Storage Tank Database

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/04
Date of Next Scheduled EDR Contact: 05/31/04

WESTCHESTER COUNTY:

Listing of Storage Tanks

Source: Westchester County Department of Health
Telephone: 914-813-5161

Listing of underground storage tanks in Westchester County.

Date of Government Version: 09/26/03
Database Release Frequency: Varies

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

Listing of Storage Tanks

Source: Westchester County Department of Health
Telephone: 914-813-5161

Listing of aboveground storage tanks in Westchester County.

Date of Government Version: 09/26/03
Database Release Frequency: Varies

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

Brownfields: Brownfields Site List

Source: Department of Environmental Conservation
Telephone: 518-402-9764

Date of Government Version: 03/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

VCP: Voluntary Cleanup Agreements

Source: Department of Environmental Conservation
Telephone: 518-402-9711

The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

GOVERNMENT RECORDS

Date of Government Version: 03/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777

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 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: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

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.

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: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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 1999 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 from the U.S. Fish and Wildlife Service.

New York State Wetlands

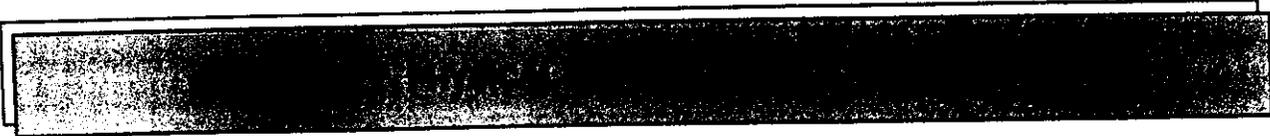
Source: Department of Environmental Conservation

Telephone: 518-402-8961

Coverages are based on official New York State Freshwater Wetlands Maps as described in Article 24-0301 of the Environmental Conservation Law.

STREET AND ADDRESS INFORMATION

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TARGET PROPERTY ADDRESS

DOMINO SUGAR
264-366 KENT AVE
BROOKLYN, NY 11211

TARGET PROPERTY COORDINATES

Latitude (North):	40.715000 - 40° 42' 54.0"
Longitude (West):	73.968002 - 73° 58' 4.8"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	587168.6
UTM Y (Meters):	4507421.0
Elevation:	1 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> NEW YORK, NY	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	3604970055B
Additional Panels in search area:	3604970047B 3604970048B 3604970056B

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> BROOKLYN	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles South
Site Name:	Naval Station Ny
Site EPA ID Number:	NY5170022250
Groundwater Flow Direction:	NOT AVAILABLE.
Measured Depth to Water:	14 feet in a well located 1 mile southeast of the site.
Hydraulic Connection:	Information is not available about the hydraulic connection between the surficial aquifer (upper glacial till) and underlying aquifer(s). Bedrock is present at an estimated depth of 100 feet.
Sole Source Aquifer:	A sole source aquifer is present at or near the site
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era:	Paleozoic	Category:	Stratified Sequence
System:	Ordovician		
Series:	Middle Ordovician (Mohawkian)		
Code:	O2 (decoded above as Era, System & Series)		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

- Soil Surface Textures: loamy sand
silt loam
sandy loam
fine sandy loam
- Surficial Soil Types: loamy sand
silt loam
sandy loam
fine sandy loam
- Shallow Soil Types: sandy loam
- Deeper Soil Types: very gravelly - loamy sand
unweathered bedrock
stratified
sandy loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS0761259	0 - 1/8 Mile East
2	USGS0761264	1/8 - 1/4 Mile NE
3	USGS0761323	1/8 - 1/4 Mile SSW
4	USGS0761330	1/4 - 1/2 Mile NNE
A5	USGS0761281	1/4 - 1/2 Mile East

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
6	USGS0761318	1/4 - 1/2 Mile SE
A7	USGS0761260	1/4 - 1/2 Mile East
8	USGS0771752	1/2 - 1 Mile West
B9	USGS0761329	1/2 - 1 Mile NE
B10	USGS0761327	1/2 - 1 Mile ENE
11	USGS0761250	1/2 - 1 Mile SE
12	USGS0771776	1/2 - 1 Mile West
13	USGS0761247	1/2 - 1 Mile South
C14	USGS0761328	1/2 - 1 Mile ENE
C15	USGS0761331	1/2 - 1 Mile NE
16	USGS0761308	1/2 - 1 Mile South
18	USGS0753768	1/2 - 1 Mile WNW
19	USGS0761320	1/2 - 1 Mile ESE
20	USGS0771780	1/2 - 1 Mile West
21	USGS0771788	1/2 - 1 Mile WNW
D22	USGS0761324	1/2 - 1 Mile East
23	USGS0761309	1/2 - 1 Mile SE
D24	USGS0761325	1/2 - 1 Mile East
25	USGS0761253	1/2 - 1 Mile SE
26	USGS0761243	1/2 - 1 Mile SSE
27	USGS0761301	1/2 - 1 Mile SSE
28	USGS0761312	1/2 - 1 Mile SE
29	USGS0771748	1/2 - 1 Mile WSW
30	USGS0761262	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
17	NY0007257	1/2 - 1 Mile East

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1180432.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

TARGET PROPERTY:	Domino Sugar	CUSTOMER:	Env. Health Investigations, Inc
ADDRESS:	284-388 Kent Ave	CONTACT:	Bill Kerbel
CITY/STATE/ZIP:	Brooklyn NY 11211	INQUIRY #:	1180432.2s
LAT/LONG:	40.7150 / 73.9680	DATE:	April 29, 2004 8:21 am

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
East
0 - 1/8 Mile
Higher
FED USGS USGS0761259

Agency:	USGS	Site ID:	404253073580201
Site Name:	K 458. 1		
Dec. Latitude:	40.71482		
Dec. Longitude:	-73.9668		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	5.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	1053.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
NE
1/8 - 1/4 Mile
Higher
FED USGS USGS0761264

Agency:	USGS	Site ID:	404301073575301
Site Name:	K 2591. 1		
Dec. Latitude:	40.71705		
Dec. Longitude:	-73.9643		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	2.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	112GLCLU		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
SSW
1/8 - 1/4 Mile
Higher
FED USGS USGS0761323



Agency: USGS Site ID: 404241073581001
 Site Name: K 686. 1
 Dec. Latitude: 40.71149
 Dec. Longitude: -73.96903
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: Not Reported
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 146. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

4 FED USGS USGS0761330
NNE
1/4 - 1/2 Mile
Higher

Agency: USGS Site ID: 404315073575701
 Site Name: K 688. 1
 Dec. Latitude: 40.72094
 Dec. Longitude: -73.96542
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: Not Reported
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 111. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

A5 FED USGS USGS0761261
East
1/4 - 1/2 Mile
Higher



Agency: USGS Site ID: 404257073573701
 Site Name: K 2262. 1
 Dec. Latitude: 40.71594
 Dec. Longitude: -73.95986
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 8.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 61. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

6
 SE
 1/4 - 1/2 Mile
 Higher

FED USGS USG80761318

Agency: USGS Site ID: 404236073574601
 Site Name: K 1301. 1
 Dec. Latitude: 40.70982
 Dec. Longitude: -73.96292
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 52.5
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: 112GLCLU
 Aquifer type: Not Reported
 Well depth: 92.
 Hole depth: 101. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 223

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-07-21		3.08	2003-05-19		3.62
2003-04-28		4.17	2003-02-27		4.37
2003-01-28		4.37	2002-12-27		4.42
2002-11-26		4.42	2002-10-21		4.21
2002-09-25		4.05	2002-08-30		3.99
2002-07-22		4.04	2002-06-18		3.93
2002-05-29		3.89	2002-03-22		4.18
2002-02-27		4.20	2002-01-28		4.20
2001-12-28		4.29	2001-10-24		4.10
2001-09-26		4.16	2001-08-29		4.09

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-07-24		4.04	2001-05-24		4.03
2001-04-25		4.11	2001-02-22		4.19
2001-01-17		4.17	2000-11-28		4.27
2000-10-24		4.33	2000-09-27		4.09
2000-07-27		4.23	2000-06-28		4.10
2000-05-23		4.12	2000-03-22		4.07
2000-02-29		4.11	1999-12-13		4.27
1999-11-23		4.29	1999-10-19		4.24
1999-09-23		4.07	1999-08-17		3.87
1999-07-20		3.94	1999-06-24		3.92
1999-05-18		4.06	1999-04-28		4.14
1999-03-23		3.49	1999-03-02		4.14
1999-01-27		4.08	1998-11-24		4.15
1998-07-28		4.15	1998-06-10		4.25
1998-04-29		4.48	1998-03-31		4.47
1997-11-05		4.32	1997-09-29		4.03
1997-07-23		4.01	1997-06-26		4.04
1997-05-29		3.97	1997-02-28		5.36
1997-01-24		5.42	1997-01-07		4.56
1996-09-19		4.14	1996-07-02		4.17
1996-03-13		4.40	1996-01-23		4.37
1995-11-28		3.70	1995-09-26		4.10
1995-07-19		3.99	1995-05-23		3.51
1995-03-14		4.24	1995-01-25		4.29
1994-12-13		4.31	1994-10-18		4.39
1994-09-21		4.04	1994-08-24		4.15
1994-07-27		4.17	1994-06-20		4.09
1994-05-17		4.56	1994-04-26		4.56
1994-03-25		4.57	1994-02-22		4.38
1994-02-02		4.43	1993-12-27		4.33
1993-11-18		4.40	1993-10-28		4.49
1993-09-15		4.06	1993-08-18		4.07
1993-07-15		4.08	1993-06-22		4.08
1993-05-20		4.11	1993-04-29		4.59
1993-01-26		4.46	1992-12-29		4.50
1992-11-24		4.38	1992-10-28		4.35
1992-09-16		4.11	1992-08-25		4.06
1992-07-15		3.97	1992-06-23		3.87
1992-05-12		4.17	1992-04-14		4.16
1992-03-18		4.13	1992-02-19		4.24
1992-01-22		4.23	1991-12-18		4.35
1991-11-14		4.41	1991-10-16		4.55
1991-09-17		3.63	1991-08-15		4.34
1991-07-16		4.38	1991-06-12		3.67
1991-05-15		3.40	1991-04-15		4.39
1991-03-20		4.62	1991-02-21		4.44
1991-01-24		4.68	1990-12-10		2.99
1990-11-13		3.60	1990-10-10		3.23
1990-09-12		4.60	1990-08-14		4.61
1990-06-20		4.27	1990-05-25		4.20
1990-04-24		4.38	1990-04-04		4.45
1990-02-26		4.32	1990-01-24		4.46
1989-12-28		4.51	1989-11-21		3.87
1989-10-27		3.51	1989-09-29		2.44
1989-08-31		4.74	1989-07-25		4.68



Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-08-22		4.50	1989-05-22		4.31
1989-04-28		4.15	1989-03-29		0.54
1989-02-28		1.24	1989-01-17		2.37
1988-12-09		4.46	1988-11-16		4.39
1988-10-19		4.50	1988-09-14		4.67
1988-08-31		1.27	1988-07-22		4.21
1988-06-17		4.17	1988-06-01		4.42
1987-09-10		4.30	1987-03-10		2.95
1986-09-10		4.00	1986-06-13		2.74
1986-03-11		3.81	1985-12-03		4.38
1985-10-03		4.20	1985-05-21		4.05
1984-12-18		1.82	1984-10-05		2.37
1984-06-28		2.67	1984-03-16		4.91
1984-01-05		5.97	1983-09-29		5.09
1983-06-29		5.47	1983-03-25		5.33
1982-12-21		4.68	1982-10-06		4.37
1982-06-30		5.07	1982-04-02		4.60
1981-12-29		2.47	1981-09-23		4.72
1981-06-24		4.10	1981-03-20		4.97
1980-12-30		4.67	1980-09-23		4.59
1980-06-19		4.42	1980-03-13		4.55
1979-12-18		5.80	1979-09-17		4.09
1979-06-28		3.87	1979-03-26		4.95
1978-12-22		4.57	1978-10-02		6.08
1978-06-23		5.26	1978-04-04		5.37
1978-01-03		5.05	1977-09-23		3.77
1977-07-06		4.61	1977-03-28		4.47
1976-12-22		4.27	1976-09-23		4.48
1976-06-28		3.38	1976-03-23		4.18
1975-12-16		4.37	1975-10-07		4.60
1975-06-30		4.09	1975-03-26		4.40
1974-12-19		4.69	1974-09-04		3.20
1974-06-26		4.48	1974-03-19		4.40
1974-01-09		4.57	1973-09-24		4.09
1973-07-09		4.28	1973-04-03		4.47
1972-12-27		3.58	1972-09-29		3.84
1972-07-10		3.58	1972-03-28		4.95
1972-01-13		4.84	1971-10-12		4.67
1969-09-03		3.29	1969-04-22		2.95
1968-11-06		2.77	1968-04-22		2.77
1967-10-20		1.64	1967-03-28		2.11
1966-10-24		1.72	1966-05-03		1.49
1965-10-26		1.85	1965-09-14		1.43
1965-05-03		1.69	1964-10-30		1.65
1964-04-23		1.61	1963-04-29		1.43
1962-04-26		0.67	1961-12-28		-0.62
1961-01-19		-7.72			

A7
East
1/4 - 1/2 Mile
Higher

FED USGS USGS0761260



Agency: USGS Site ID: 404256073573401
 Site Name: K 1303. 1
 Dec. Latitude: 40.71566
 Dec. Longitude: -73.95903
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 16.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 90. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

8
West
1/2 - 1 Mile
Higher
FED USGS USGS0771752

Agency: USGS Site ID: 404249073584601
 Site Name: NY 146
 Dec. Latitude: 40.71371
 Dec. Longitude: -73.97903
 Coord Sys: NAD83
 State: NY
 County: New York County
 Altitude: 15
 Hydrologic code: Not Reported
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: 112SAND
 Aquifer type: Not Reported
 Well depth: 48
 Hole depth: Not Reported Source: other reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

B9
NE
1/2 - 1 Mile
Higher
FED USGS USGS0761329



Agency: USGS Site ID: 404314073572801
 Site Name: K 50. 1
 Dec. Latitude: 40.72066
 Dec. Longitude: -73.95738
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 16.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 157. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

B10
ENE
 1/2 - 1 Mile
 Higher

FED USGS USGS0761327

Agency: USGS Site ID: 404313073572508
 Site Name: K 463. 1
 Dec. Latitude: 40.72038
 Dec. Longitude: -73.95653
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: Not Reported
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 32.
 Hole depth: Not Reported Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 106

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-11-18		3.22	1939-11-11		3.18
1939-11-04		3.26	1939-10-28		3.28
1939-10-25		3.27	1939-10-18		3.26
1939-10-11		3.39	1939-10-04		3.76
1939-09-23		3.83	1939-09-16		3.77
1939-09-08		3.75	1939-09-01		3.85
1939-08-25		4.13	1939-08-18		4.26
1939-08-11		4.39	1939-08-04		4.52
1939-07-28		4.57	1939-07-21		4.58
1939-07-14		4.59	1939-07-07		4.59



Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-06-30		4.56	1939-06-23		4.58
1939-06-16		4.60	1939-06-09		4.61
1939-06-02		4.58	1939-05-26		4.60
1939-05-19		4.61	1939-05-12		4.62
1939-05-05		4.62	1939-04-28		4.63
1939-04-21		4.64	1939-04-15		4.64
1939-04-08		4.67	1939-03-31		4.72
1939-03-24		4.70	1939-03-17		4.69
1939-03-10		4.73	1939-03-03		4.76
1939-02-24		4.72	1939-02-17		4.73
1939-02-10		4.74	1939-02-03		4.76
1939-01-27		4.78	1939-01-20		4.81
1939-01-13		4.83	1939-01-06		4.85
1938-12-30		4.88	1938-12-23		4.91
1938-12-16		4.91	1938-12-09		4.94
1938-12-02		4.95	1938-11-25		5.03
1938-11-18		5.01	1938-11-11		5.04
1938-11-04		5.09	1938-10-28		5.20
1938-10-21		5.30	1938-10-14		5.97
1938-10-07		5.19	1938-09-30		5.24
1938-09-23		5.27	1938-09-16		4.91
1938-09-09		4.41	1938-09-02		4.41
1938-08-26		4.42	1938-08-19		4.42
1938-08-12		4.40	1938-08-05		4.41
1938-07-29		4.41	1938-07-22		4.40
1938-07-15		4.41	1938-07-08		4.40
1938-07-01		4.42	1938-06-25		4.42
1938-06-18		4.43	1938-06-11		4.43
1938-06-04		4.46	1938-05-28		4.48
1938-05-21		4.60	1938-05-14		4.78
1938-05-07		4.79	1938-04-30		4.81
1938-04-23		4.87	1938-04-16		4.88
1938-04-09		5.12	1938-04-02		5.05
1938-03-26		4.65	1938-03-19		4.63
1938-03-12		4.63	1938-03-05		4.66
1938-02-26		4.67	1938-02-19		4.68
1938-02-04		4.72	1938-01-28		4.72
1938-01-21		4.74	1938-01-14		4.77
1938-01-07		4.81	1937-12-31		4.81
1937-12-24		4.86	1937-12-18		4.88
1937-12-11		4.87	1937-12-04		4.80
1937-11-27		4.76	1937-11-20		4.73
1937-11-13		4.40	1937-11-08		4.40

11
SE
1/2 - 1 Mile
Higher

FED USGS USGS0761250

Agency: USGS Site ID: 404227073573001
 Site Name: K 87. 1
 Dec. Latitude: 40.7076
 Dec. Longitude: -73.95792
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 47.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: 112GLCLU
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: Not Reported Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 475

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1975-10-07		13.99	1975-06-30		14.09
1975-03-26		15.35	1974-12-19		9.86
1974-09-04		9.70	1974-06-26		9.64
1974-03-19		9.89	1974-01-09		8.60
1973-10-02		10.47	1973-09-25		11.70
1973-07-09		4.20	1973-04-03		4.51
1972-12-27		4.38	1972-10-02		5.00
1972-07-10		4.90	1972-03-28		4.71
1972-01-13		4.63	1971-09-23		4.81
1971-03-08		6.91	1970-11-02		7.01
1970-03-13		4.41	1969-11-12		4.06
1969-09-03		3.48	1969-04-22		3.00
1968-11-06		2.61	1968-04-22		2.52
1967-10-20		2.07	1967-03-28		1.72
1966-10-24		1.29	1966-05-03		1.12
1965-10-27		1.02	1965-09-14		0.85
1965-05-03		0.89	1964-10-02		1.10
1964-04-23		1.15	1963-10-19		0.89
1963-04-29		1.18	1962-11-23		1.03
1962-04-26		-0.25	1961-12-28		-0.96
1961-10-02		-2.51	1961-06-28		-4.80
1961-03-28		-6.02	1960-12-27		-5.64
1960-09-28		-3.96	1960-07-05		-2.45
1960-03-31		-0.96	1960-01-14		-1.24
1959-10-07		-1.05	1959-07-16		-1.34
1959-03-18		-1.14	1958-04-16		-2.07
1958-01-10		-2.02	1957-09-24		-2.67
1957-03-27		-1.90	1956-12-18		-1.57
1956-11-29		-1.52	1956-10-25		-1.45
1956-10-02		-1.15	1956-08-02		-0.67
1956-07-03		-0.34	1956-06-05		-0.35
1956-05-15		-0.44	1956-03-05		-1.05
1956-02-07		-1.17	1955-12-22		-1.36
1955-11-15		-1.89	1955-10-07		-2.36
1955-08-25		-3.01	1955-07-26		-3.37
1955-06-23		-3.46	1955-05-25		-3.49

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1955-04-26		-3.64
1955-02-21		-4.20
1954-12-27		-4.60
1954-08-25		-5.63
1954-06-29		-5.50
1954-04-28		-5.10
1954-02-25		-4.83
1953-12-23		-4.80
1953-10-28		-5.00
1953-08-28		-5.82
1953-08-24		-6.31
1953-04-27		-6.88
1953-02-27		-7.71
1952-12-23		-8.77
1952-11-03		-9.45
1952-08-25		-10.52
1952-06-24		-11.04
1952-04-29		-11.60
1952-02-20		-12.48
1951-12-20		-13.14
1951-11-02		-13.69
1951-08-28		-14.33
1951-06-28		-14.42
1951-05-02		-14.49
1951-02-26		-14.94
1950-12-20		-15.31
1950-10-31		-15.55
1950-08-29		-16.10
1950-06-29		-15.88
1950-04-27		-15.63
1950-03-01		-15.70
1949-12-28		-16.00
1949-10-31		-16.29
1949-08-31		-16.98
1949-06-30		-17.15
1949-04-28		-17.18
1949-02-21		-17.65
1948-12-28		-18.04
1948-11-04		-18.32
1948-08-30		-18.97
1948-06-30		-19.22
1948-04-27		-19.68
1947-11-26		-20.13
1947-10-31		-20.30
1947-10-07		-20.41
1947-09-15		-20.91
1947-08-13		-20.80
1947-07-23		-20.80
1947-07-07		-20.57
1947-07-01		-20.50
1947-05-27		-20.30
1947-04-04		-20.10
1947-01-24		-19.86
1946-11-26		-19.75
1946-09-26		-20.14

Date	Feet below Surface	Feet to Sealevel
1955-03-28		-3.89
1955-01-25		-4.29
1954-12-02		-4.73
1954-07-29		-5.70
1954-05-27		-5.26
1954-03-30		-5.00
1954-01-28		-4.82
1953-12-02		-4.80
1953-10-02		-5.39
1953-08-03		-6.07
1953-05-25		-6.51
1953-03-24		-7.38
1953-02-05		-8.10
1952-12-05		-8.99
1952-09-22		-10.08
1952-07-23		-10.92
1952-05-27		-11.28
1952-03-24		-12.02
1952-01-29		-12.74
1951-11-28		-13.42
1951-09-26		-14.15
1951-07-26		-14.38
1951-05-29		-14.38
1951-03-27		-14.80
1951-01-30		-15.10
1950-11-28		-15.40
1950-09-27		-15.80
1950-07-27		-16.05
1950-06-05		-15.58
1950-03-29		-15.65
1950-01-26		-15.80
1949-11-28		-16.15
1949-09-28		-16.54
1949-07-28		-17.06
1949-06-01		-16.97
1949-04-05		-17.32
1949-01-27		-17.82
1948-12-09		-18.25
1948-10-04		-18.80
1948-07-26		-19.32
1948-06-01		-19.32
1947-12-16		-20.05
1947-11-20		-20.14
1947-10-14		-20.34
1947-09-30		-20.48
1947-08-27		-20.84
1947-07-30		-20.80
1947-07-16		-20.68
1947-07-02		-20.53
1947-06-24		-20.47
1947-05-07		-20.17
1947-03-05		-20.00
1946-12-27		-19.83
1946-10-22		-19.90
1946-09-16		-20.10

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1946-07-26		-19.90	1946-07-01		-19.69
1946-06-10		-19.50	1946-05-10		-19.42
1946-04-12		-19.44	1946-03-18		-19.48
1946-02-15		-19.58	1946-01-08		-19.55
1945-12-04		-19.64	1945-11-06		-19.64
1945-09-28		-19.70	1945-09-12		-19.84
1945-08-08		-19.73	1945-07-03		-19.53
1945-06-04		-19.17	1945-04-27		-19.30
1945-04-04		-19.40	1945-03-03		-19.35
1945-01-02		-19.38	1944-12-06		-19.77
1944-10-28		-19.29	1944-10-04		-19.39
1944-09-02		-19.57	1944-07-31		-19.52
1944-07-05		-19.24	1944-05-27		-19.17
1944-05-05		-19.16	1944-03-30		-19.01
1944-02-26		-18.94	1944-01-29		-18.87
1944-01-01		-18.97	1943-11-27		-18.99
1943-10-30		-18.98	1943-09-25		-19.12
1943-08-28		-19.18	1943-07-31		-19.22
1943-06-26		-19.19	1943-05-29		-19.20
1943-05-01		-19.25	1943-03-27		-19.28
1943-02-27		-19.27	1943-01-30		-19.27
1943-01-02		-19.30	1942-12-26		-19.26
1942-12-12		-19.15	1942-12-05		-19.15
1942-11-28		-19.14	1942-11-21		-19.13
1942-11-14		-19.11	1942-11-07		-19.13
1942-10-31		-19.13	1942-10-24		-19.15
1942-10-17		-19.16	1942-10-10		-19.16
1942-09-26		-19.17	1942-09-19		-19.18
1942-09-12		-19.18	1942-09-05		-19.19
1942-08-29		-19.22	1942-08-22		-19.25
1942-08-15		-19.39	1942-08-08		-19.31
1942-08-01		-19.34	1942-07-25		-19.38
1942-07-18		-19.42	1942-07-11		-19.48
1942-07-04		-19.55	1942-06-27		-19.62
1942-06-20		-19.71	1942-06-13		-19.80
1942-06-06		-19.88	1942-05-30		-19.93
1942-05-23		-19.95	1942-05-16		-19.99
1942-05-09		-20.04	1942-05-02		-20.08
1942-04-25		-20.11	1942-04-18		-20.14
1942-04-11		-20.15	1942-04-04		-20.16
1942-03-28		-20.21	1942-03-21		-20.24
1942-03-14		-20.24	1942-03-07		-20.26
1942-02-28		-20.30	1942-02-21		-20.30
1942-02-14		-20.35	1942-02-07		-20.37
1942-01-31		-20.46	1942-01-24		-20.49
1942-01-17		-20.52	1942-01-10		-20.55
1942-01-03		-20.59	1941-12-27		-20.61
1941-12-20		-20.63	1941-12-13		-20.66
1941-12-06		-20.69	1941-11-29		-20.71
1941-11-22		-20.74	1941-11-15		-20.74
1941-11-08		-20.74	1941-11-01		-20.74
1941-10-25		-20.74	1941-10-18		-20.74
1941-10-11		-20.75	1941-10-04		-20.74
1941-09-27		-20.74	1941-09-20		-20.73
1941-09-13		-20.73	1941-09-06		-20.73

GROUND-WATER LEVELS AT WASHINGTON SOURCE

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-08-30		-20.71	1941-08-23		-20.69
1941-08-16		-20.69	1941-08-09		-20.67
1941-08-02		-20.67	1941-07-26		-20.64
1941-07-19		-20.62	1941-07-12		-20.60
1941-07-05		-20.58	1941-06-28		-20.56
1941-06-21		-20.54	1941-06-14		-20.52
1941-06-07		-20.50	1941-05-31		-20.49
1941-05-24		-20.48	1941-05-17		-20.45
1941-05-10		-20.45	1941-05-03		-20.45
1941-04-26		-20.41	1941-04-19		-20.41
1941-04-12		-20.38	1941-04-05		-20.37
1941-03-29		-20.35	1941-03-22		-20.35
1941-03-15		-20.33	1941-03-08		-20.31
1941-03-01		-20.31	1941-02-22		-20.31
1941-02-15		-20.32	1941-02-08		-20.35
1941-02-01		-20.30	1941-01-25		-20.30
1941-01-18		-20.29	1941-01-11		-20.28
1941-01-04		-20.28	1940-12-28		-20.28
1940-12-21		-20.26	1940-12-14		-20.27
1940-12-07		-20.25	1940-11-30		-20.25
1940-11-23		-20.22	1940-11-16		-20.21
1940-11-09		-20.21	1940-11-02		-20.22
1940-10-26		-20.22	1940-10-19		-20.21
1940-10-12		-20.20	1940-10-05		-20.19
1940-09-28		-20.19	1940-09-21		-20.14
1940-09-14		-20.13	1940-09-07		-20.10
1940-08-31		-20.07	1940-08-24		-20.05
1940-08-17		-20.03	1940-08-10		-20.02
1940-08-03		-19.99	1940-07-27		-19.99
1940-07-20		-19.98	1940-07-13		-19.97
1940-07-06		-19.96	1940-06-29		-19.91
1940-06-22		-19.92	1940-06-15		-19.91
1940-06-08		-19.88	1940-06-01		-19.91
1940-05-25		-19.90	1940-05-18		-19.87
1940-05-11		-19.85	1940-05-04		-19.87
1940-04-27		-19.84	1940-04-20		-19.80
1940-04-13		-19.82	1940-04-06		-19.78
1940-03-30		-19.81	1940-03-23		-19.80
1940-03-16		-19.79	1940-03-09		-19.78
1940-03-02		-19.73	1940-02-24		-19.69
1940-02-17		-19.72	1940-02-10		-19.74
1940-02-03		-19.73	1940-01-27		-19.71
1940-01-20		-19.71	1940-01-13		-19.71
1940-01-06		-19.72	1939-12-30		-19.72
1939-12-23		-19.74	1939-12-16		-19.70
1939-12-09		-19.67	1939-12-02		-19.66
1939-11-25		-19.67	1939-11-18		-19.65
1939-11-11		-19.66	1939-11-04		-19.67
1939-10-28		-19.63	1939-10-21		-19.62
1939-10-14		-19.54	1939-10-07		-19.63
1939-09-30		-19.57	1939-09-23		-19.63
1939-09-16		-19.47	1939-09-08		-19.43
1939-09-01		-19.34	1939-08-25		-19.29
1939-08-18		-19.23	1939-08-11		-19.10
1939-08-04		-19.08	1939-07-28		-19.13



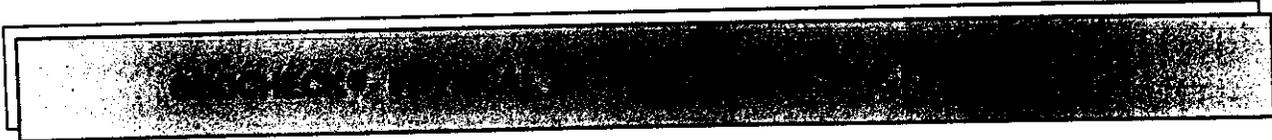
Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-07-21		-19.00	1939-07-14		-18.86
1939-07-07		-18.85	1939-06-30		-18.65
1939-06-23		-18.65	1939-06-16		-18.63
1939-06-09		-18.61	1939-06-02		-18.63
1939-05-26		-18.63	1939-05-19		-18.62
1939-05-12		-18.65	1939-05-05		-18.63
1939-04-28		-18.64	1939-04-21		-18.64
1939-04-08		-18.63	1939-03-31		-18.73
1939-03-24		-18.73	1939-03-17		-18.73
1939-03-10		-18.73	1939-02-24		-18.75
1939-02-17		-18.70	1939-02-10		-18.72
1939-02-03		-18.78	1939-01-27		-18.82
1939-01-13		-18.85	1939-01-06		-18.90
1938-12-30		-18.90	1938-12-16		-18.90
1938-12-09		-18.89	1938-11-25		-18.93
1938-11-18		-18.89	1938-11-11		-18.90
1938-11-04		-18.89	1938-10-28		-18.88
1938-10-21		-18.85	1938-10-14		-18.86
1938-10-07		-18.86	1938-09-30		-18.85
1938-09-16		-18.91	1938-09-09		-18.87
1938-09-02		-18.90	1938-08-19		-18.83
1938-08-12		-18.83	1938-08-05		-18.78
1938-07-29		-18.76	1938-07-22		-18.75
1938-07-01		-18.71	1938-06-25		-18.69
1938-04-23		-18.57	1938-04-16		-18.55
1938-04-09		-18.51	1938-04-02		-18.51
1938-03-26		-18.49	1938-03-19		-18.55
1938-03-12		-18.58	1938-03-05		-18.60
1938-02-26		-18.65	1938-02-19		-18.64
1938-02-12		-18.67	1938-02-04		-18.65
1938-01-28		-18.66	1938-01-21		-18.64
1938-01-14		-18.67	1938-01-07		-18.66
1937-12-31		-18.68	1937-12-24		-18.66
1937-12-18		-18.56	1937-12-11		-18.63
1937-12-04		-18.62	1937-11-27		-18.61
1937-11-20		-18.56	1937-11-13		-18.60
1937-11-08		-18.60			

12
West
1/2 - 1 Mile
Higher

FED USGS USGS0771776

Agency:	USGS	Site ID:	404254073585701
Site Name:	NY 53		
Dec. Latitude:	40.7151		
Dec. Longitude:	-73.98208		
Coord Sys:	NAD83		
State:	NY		
County:	New York County		
Altitude:	30		
Hydrologic code:	Not Reported		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		



Primary Aquifer: 112SDGV
 Aquifer type: Not Reported
 Well depth: 48
 Hole depth: Not Reported Source: driller
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

13
South
1/2 - 1 Mile
Higher

FED USGS USGS0761247

Agency: USGS Site ID: 404215073580501
 Site Name: K 611. 1
 Dec. Latitude: 40.70427
 Dec. Longitude: -73.96764
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 10.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 130. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

C14
ENE
1/2 - 1 Mile
Higher

FED USGS USGS0761328

Agency: USGS Site ID: 404314073572301
 Site Name: K 1112. 1
 Dec. Latitude: 40.72066
 Dec. Longitude: -73.95597
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 7.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 55. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C15
NE
1/2 - 1 Mile
Higher

FED USGS USGS0761331

Agency: USGS Site ID: 404317073572501
Site Name: K 49.1
Dec. Latitude: 40.72149
Dec. Longitude: -73.95653
Coord Sys: NAD83
State: NY
County: Kings County
Altitude: 18.0
Hydrologic code: 02030201
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: Not Reported Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: Not Reported
Hole depth: 333. Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

16
South
1/2 - 1 Mile
Higher

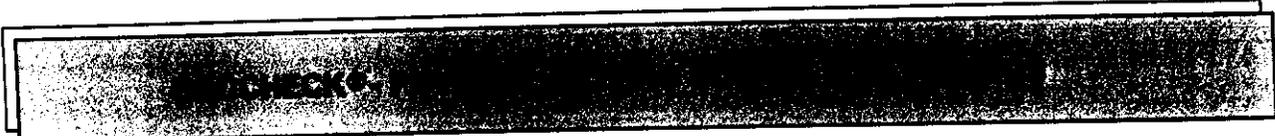
FED USGS USGS0761306

Agency: USGS Site ID: 404215073581601
Site Name: K 2173. 1
Dec. Latitude: 40.70427
Dec. Longitude: -73.97069
Coord Sys: NAD83
State: NY
County: Kings County
Altitude: 5.0
Hydrologic code: 02030201
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: Not Reported Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: Not Reported
Hole depth: 115. Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

17
East
1/2 - 1 Mile
Higher

FRDS PWS NY0007257



PWS ID: NY0007257 PWS Status: Active
 Date Initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: MANSFIELD BUNG COLONY
 GALE ROAD, BOX 123
 MONGAUP VALLEY, NY 12762

Addressee / Facility: System Owner/Responsible Party
 ROSENBERG MAYER
 C/O MAYER ROSENBERG
 570 BEDFORD AVE
 BROOKLYN, NY 11211

Facility Latitude: 40 42 51 Facility Longitude: 073 57 14
 City Served: BETHEL (T)
 Treatment Class: Not Reported Population: Not Reported

PWS currently has or had major violation(s) or enforcement: No

18
 WNW
 1/2 - 1 Mile
 Higher

FED USGS USGS0753766

Agency: USGS Site ID: 404304073585901
 Site Name: NY 141
 Dec. Latitude: 40.71788
 Dec. Longitude: -73.98264
 Coord Sys: NAD83
 State: NY
 County: Columbia County
 Altitude: 25
 Hydrologic code: Not Reported
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: 112SAND
 Aquifer type: Not Reported
 Well depth: 61
 Hole depth: Not Reported Source: driller
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

19
 ESE
 1/2 - 1 Mile
 Higher

FED USGS USGS0761320

Agency: USGS Site ID: 404238073571501
 Site Name: K 672. 1
 Dec. Latitude: 40.71066
 Dec. Longitude: -73.95375
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 20.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type



Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: Not Reported
Hole depth: 170. Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

20
West
1/2 - 1 Mile
Higher

FED USGS USGS0771780

Agency: USGS Site ID: 404300073590201
Site Name: NY 159
Dec. Latitude: 40.71677
Dec. Longitude: -73.98347
Coord Sys: NAD83
State: NY
County: New York County
Altitude: 20
Hydrologic code: Not Reported
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: Not Reported Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: 112PLSC
Aquifer type: Not Reported
Well depth: 60
Hole depth: Not Reported Source: other reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

21
WNW
1/2 - 1 Mile
Higher

FED USGS USGS0771788

Agency: USGS Site ID: 404316073585501
Site Name: NY 77
Dec. Latitude: 40.72121
Dec. Longitude: -73.98153
Coord Sys: NAD83
State: NY
County: New York County
Altitude: 20
Hydrologic code: Not Reported
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: Not Reported Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: 112SAND
Aquifer type: Not Reported
Well depth: 60
Hole depth: Not Reported Source: other reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D22
East
1/2 - 1 Mile
Higher

FED USGS USGS0761324

Agency: USGS Site ID: 404248073570901
Site Name: K 898. 1
Dec. Latitude: 40.71344
Dec. Longitude: -73.95208
Coord Sys: NAD83
State: NY
County: Kings County
Altitude: 7.0
Hydrologic code: 02030201
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: Not Reported Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: 46.
Hole depth: 74. Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

23
SE
1/2 - 1 Mile
Higher

FED USGS USGS0761309

Agency: USGS Site ID: 404217073573301
Site Name: K 666. 1
Dec. Latitude: 40.70483
Dec. Longitude: -73.95875
Coord Sys: NAD83
State: NY
County: Kings County
Altitude: 55.0
Hydrologic code: 02030201
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: Not Reported Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: Not Reported
Hole depth: 214. Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

D24
East
1/2 - 1 Mile
Higher

FED USGS USGS0761325



Agency: USGS Site ID: 404249073570801
 Site Name: K 673. 1
 Dec. Latitude: 40.71371
 Dec. Longitude: -73.9518
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 14.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 196. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

25 FED USGS USGS0761253
SE
1/2 - 1 Mile
Higher

Agency: USGS Site ID: 404228073571801
 Site Name: K 670. 1
 Dec. Latitude: 40.70788
 Dec. Longitude: -73.95458
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 30.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 165. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

26 FED USGS USGS0761243
SSE
1/2 - 1 Mile
Higher



Agency: USGS Site ID: 404212073573901
 Site Name: K 687. 1
 Dec. Latitude: 40.70344
 Dec. Longitude: -73.96042
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 43.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 200. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

27
 SSE
 1/2 - 1 Mile
 Higher

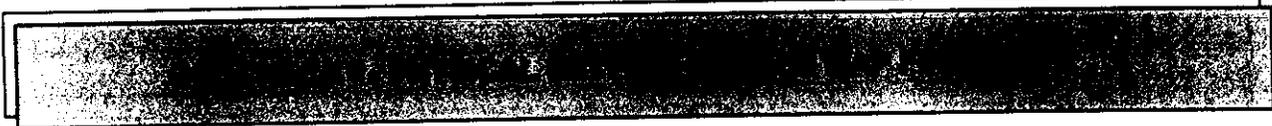
FED USGS USGS0761301

Agency: USGS Site ID: 404207073574801
 Site Name: K 664. 1
 Dec. Latitude: 40.70205
 Dec. Longitude: -73.96292
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 17.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 179. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

28
 SE
 1/2 - 1 Mile
 Higher

FED USGS USGS0761312



Agency: USGS Site ID: 404223073571601
 Site Name: K 717. 1
 Dec. Latitude: 40.70649
 Dec. Longitude: -73.95403
 Coord Sys: NAD83
 State: NY
 County: Kings County
 Altitude: 45.0
 Hydrologic code: 02030201
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 202. Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

29
 WSW
 1/2 - 1 Mile
 Higher

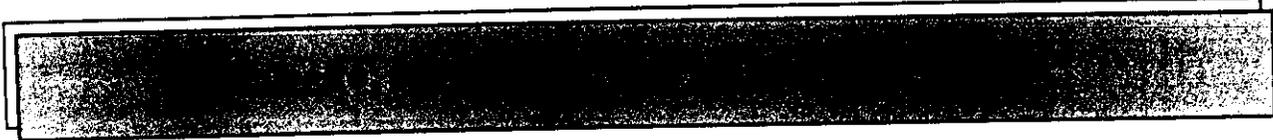
FED USGS USGS0771746

Agency: USGS Site ID: 404238073590801
 Site Name: NY 153
 Dec. Latitude: 40.71066
 Dec. Longitude: -73.98514
 Coord Sys: NAD83
 State: NY
 County: New York County
 Altitude: 20
 Hydrologic code: Not Reported
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: Not Reported Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: 112SAND
 Aquifer type: Not Reported
 Well depth: 60
 Hole depth: Not Reported Source: other reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

30
 East
 1/2 - 1 Mile
 Higher

FED USGS USGS0761262



Agency:	USGS	Site ID:	404258073570001
Site Name:	K 691. 1		
Dec. Latitude:	40.71621		
Dec. Longitude:	-73.94958		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	18.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	195.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0



AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level ≥ 2 pCi/L and ≤ 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE INFORMATION

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 from the U.S. Fish and Wildlife Service.

New York State Wetlands

Source: Department of Environmental Conservation
Telephone: 518-402-8961
Coverages are based on official New York State Freshwater Wetlands Maps as described in Article 24-0301 of the Environmental Conservation Law.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] Information System

Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.



STATE RECORDS

New York Public Water Wells

Source: New York Department of Health
Telephone: 518-458-6731

New York Facility and Manifest Data

Source: NYSDEC
Telephone: 518-457-6585
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

RADON

State Database: NY Radon

Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration



**EDR™ Environmental
Data Resources Inc**

EDR-Industrial Site Package™

Air, Water, OSHA Report

**DOMINO SUGAR REFINERY
316 Kent Ave
Brooklyn, NY 11211**

Inquiry Number: 1180432.9s

April 29, 2004

**The Standard in
Environmental Risk
Management Information**

**440 Wheelers Farms Road
Milford, Connecticut 06460**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

TABLE OF CONTENTS

The EDR Air, Water, OSHA Report is a comprehensive presentation of government filings on a facility
The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: air emissions, water discharges, and health & safety issues.
Due to inconsistent name and/or locational information, records on the same facility may be listed in separate facility columns.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 6

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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SECTION 1: FACILITY SUMMARY

Due to inconsistent name and/or locational information, records on the same facility may be listed in separate facility columns.

	RECORD 1 DOMINO SUGAR REFINERY 316 KENT AVE BROOKLYN, NY	RECORD 2 316 KENT AVE BROOKLYN, NY	TOTAL (YES)
AIR EMISSIONS			
Permitted air emissions (AIRS)	NO	NO	0
Reported emergency releases to air (ERNS/A)	NO	NO	0
Compliance data (AIRS/COM)	NO	NO	0
WATER DISCHARGES			
Permitted waste water discharges (NPDES/PCS)	NO	NO	0
Reported emergency releases to water (ERNS/W)	NO	NO	0
Enforcement actions (NPDES/PCS-ENF)	NO	NO	0
has stormwater discharges (NPDES-PCS INACT)	NO	NO	0
Stormwater permit (STORMWATER)	NO	NO	0
HEALTH AND SAFETY			
Inspected by the Occupational Safety and Health Administration (OSHA)	NO	NO	0
Violations under OSHA (OSHA/VIOL)	NO	NO	0
Facility has had accidents according to the Occupational Safety and Health Administration (OSHA/ACC)	NO	NO	0
TOTAL (YES)	0	0	0

- A "NO" indicates that no findings were identified based on an exact name, address and/or EPA facility identification number search. Facility information may be available under an alternate name, address and/or EPA identification number.
- NR = Not Requested

SECTION 2: FACILITY DETAIL REPORTS

Record 1: **DOMINO SUGAR REFINERY**
BROOKLYN, NY (EDR ID#)

AIR EMISSIONS

Facility has permitted air emissions NO
Facility has reported emergency releases to air..... NO
Facility has compliance data NO

WATER DISCHARGES

Facility has permitted waste water discharges..... NO
Facility has reported emergency releases to water..... NO
Facility has enforcement actions NO
Facility has an inactive waste water permit..... NO
Facility has stormwater discharges NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration NO
Facility has violations cited by the Occupational Safety and Health Administration..... NO
Facility has had accidents according to the Occupational Safety and Health Administration..... NO

TOTALS (YES) 0

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Record 2:
BROOKLYN, NY (EDR ID#)

AIR EMISSIONS

Facility has permitted air emissions NO
Facility has reported emergency releases to air. NO
Facility has compliance data NO

WATER DISCHARGES

Facility has permitted waste water discharges. NO
Facility has reported emergency releases to water. NO
Facility has enforcement actions NO
Facility has an inactive waste water permit. NO
Facility has stormwater discharges NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration NO
Facility has violations cited by the Occupational Safety and Health Administration. NO
Facility has had accidents according to the Occupational Safety and Health Administration. NO

TOTALS (YES) 0

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

FACILITY RELATED DATABASES

AIR EMISSIONS

AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Source: EPA

Telephone: 800-367-1044

General plant level, plant air program, air program pollutant and plant action data.

Date of Government Version: 01/13/2003
Database Release Frequency: Annually

Date of Last EDR Contact: 03/30/2004
Date of Next Scheduled Update: 07/26/2004

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2003
Database Release Frequency: Annually

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

WATER DISCHARGES

PCS: Permit Compliance System

Source: EPA/Office of Water

Telephone: 202-564-4099

PCS is EPA's database system for managing wastewater discharges to surface bodies of water as part of the National Pollutant Discharge Elimination System under the Clean Water Act. Facility data, discharge monitoring report information and compliance/enforcement activities are included in the database. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/26/2004
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/12/2004
Date of Next Scheduled Update: 07/12/2004

PCS INACTIVE: Listing of Inactive PCS Permits

Source: Environmental Protection Agency

Telephone: 202-564-2496

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 03/10/2004
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/2004
Date of Next Scheduled Update: 05/17/2004

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2003
Database Release Frequency: Annually

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

HEALTH AND SAFETY

OSHA: Occupational Safety and Health Administration

Source: Department of Labor

Telephone: 202-219-7888

Specific inspection, violation and fatality/catastrophe information regarding inspections of interest.

Date of Government Version: 12/31/2002
Database Release Frequency: Annually

Date of Last EDR Contact: 04/21/2004
Date of Next Scheduled Update: 07/19/2004



**EDR® Environmental
Data Resources Inc**

EDR Site Report™

**DOMINO SUGAR TERMINAL SOUTH 2ND
DOMINO SUGAR TERMINAL SOUTH 2ND AVE
BROOKLYN, NY**

Inquiry Number:

April 30, 2004

**The Standard in
Environmental Risk
Management Information**

**440 Wheelers Farms Road
Milford, Connecticut 06460**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	DOMINO SUGAR TERMINAL SOUTH 2ND AVE DOMINO SUGAR TERMINAL SOUTH 2ND AVE BROOKLYN, NY EDR ID #94356525
WASTE MANAGEMENT Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSD)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	YES - p4
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

DOMINO SUGAR TERMIANL SOUTH 2ND AVE
 DOMINO SUGAR TERMIANL SOUTH 2ND AVE
 BROOKLYN, NY
 EDR ID #94356525

Site ID: 94356525
 Site Location:

DOMINO SUGAR TERMIANL SOUTH 2ND AVE
 BROOKLYN, NY
 KINGS(BROOKLYN) County

Report No: 219920
 Spill Date: 02/02/1994
 Medium Desc: Water
 Evacuation: Yes
 Fatalities: None
 Disch Org: CARGO SHIP GOLDEN CHASE
 Disch Add: 26 BROADWAY
 Disch City: NEW YORK
 Disch ST: NY
 Disch Zip: 10004
 Disch County: Not reported
 C.G. Unit: NYCCP
 Cause: Not reported

EPA Region: 02
 Spill Time: 16:40
 Damage/Amt: Yes / \$0.00
 Injured: None
 Notes: EAST RIVER

Spilled Material	Total Qty	In Water	Undot	Cas	Qty
OIL: DIESEL	4.00 BBL	4.00 BBL	Not reported	Not reported	1176.00 lbs.

Description: DRY CARGO SHIP GOLDEN CHASE VENT PIPE//OVERFLOWED DURING INTERNAL BUNKERING
 Location: DOMINO SUGAR TERMIANL SOUTH 2ND AVE
 Action: DEPLOYED BOOMS AND USED SORBENTS
 Comments: SHEEN SIZE:UNKNOWN

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 03/09/2004
Database Release Frequency: Varies

Date of Last EDR Contact: 04/20/2004
Date of Next Scheduled Update: 06/21/2004

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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: 12/01/2001
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/16/2004
Date of Next Scheduled Update: 06/14/2004

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/2004
Date of Next Scheduled Update: 06/07/2004

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2004
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/08/2004
Date of Next Scheduled Update: 06/07/2004

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

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: 12/30/2003
Database Release Frequency: Annually

Date of Last EDR Contact: 02/09/2004
Date of Next Scheduled Update: 05/10/2004

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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: 01/15/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/2004
Date of Next Scheduled Update: 07/05/2004

NY AST: Petroleum Bulk Storage

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/2002
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

NY UST: Petroleum Bulk Storage (PBS) Database

Source: Department of Environmental Conservation
Telephone: 518-402-9549

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/01/2002
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2003
Database Release Frequency: Annually

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/18/2003
Database Release Frequency: Annually

Date of Last EDR Contact: 04/20/2004
Date of Next Scheduled Update: 07/19/2004

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: Not reported

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: 01/29/2004
Date Made Active at EDR: 02/27/2004
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/06/2004
Elapsed ASTM Days: 21
Date of Last EDR Contact: 02/06/2004

PROPOSED NPL: Proposed National Priority List Sites

Source: EPA

Telephone: Not reported

Date of Government Version: 01/07/2004
Date Made Active at EDR: 02/27/2004
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/06/2004
Elapsed ASTM Days: 21
Date of Last EDR Contact: 02/06/2004

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 01/29/2004
Date Made Active at EDR: 02/27/2004
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/06/2004
Elapsed ASTM Days: 21
Date of Last EDR Contact: 02/06/2004

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

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: 02/26/2004
Date Made Active at EDR: 04/02/2004
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/2004
Elapsed ASTM Days: 11
Date of Last EDR Contact: 03/22/2004

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 02/26/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/2004
Date of Next Scheduled Update: 06/21/2004

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Made Active at EDR: 03/30/1994
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994
Elapsed ASTM Days: 56
Date of Last EDR Contact: 03/12/2004

NY SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Source: Department of Environmental Conservation

Telephone: 518-402-9553

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/01/2003
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/2004
Date of Next Scheduled Update: 05/24/2004

NY SWF/LF: Facility Register

Source: Department of Environmental Conservation

Telephone: 518-457-2051

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: 02/01/2004
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/03/2004
Date of Next Scheduled Update: 05/01/2004

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

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: 12/31/2001

Database Release Frequency: Annually

Date of Last EDR Contact: 03/23/2004

Date of Next Scheduled Update: 06/21/2004

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

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: 12/31/2001

Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/2004

Date of Next Scheduled Update: 07/19/2004

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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: 12/31/2002

Database Release Frequency: N/A

Date of Last EDR Contact: 03/05/2004

Date of Next Scheduled Update: 06/07/2004

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

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: 01/30/2004

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/2004

Date of Next Scheduled Update: 06/21/2004

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 01/21/2004

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/2004

Date of Next Scheduled Update: 06/21/2004

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: Not reported

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: 04/08/2004

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/2004

Date of Next Scheduled Update: 07/05/2004

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

NY DELISTED HWS: Delisted Registry Sites
Source: Department of Environmental Conservation
Telephone: 518-402-9553

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 04/01/2003
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/2004
Date of Next Scheduled Update: 05/24/2004

NY LTANKS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549

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: 02/10/2004
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

NY BROWNFIELDS: Brownfields Site List
Source: Department of Environmental Conservation
Telephone: 518-402-9764

Date of Government Version: 03/17/2004
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/16/2004
Date of Next Scheduled Update: 06/14/2004

NY SPILLS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549

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: 02/10/2004
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

NY CORTLAND AST: Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 03/18/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/2004
Date of Next Scheduled Update: 05/31/2004

NY CORTLAND UST: Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 03/18/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/2004
Date of Next Scheduled Update: 05/31/2004

NY NASSAU AST: Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/2003
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/03/2004
Date of Next Scheduled Update: 05/01/2004

NY NASSAU UST: Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/2003
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/03/2004
Date of Next Scheduled Update: 05/01/2004

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

NY ROCKLAND AST: Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 02/09/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/2004
Date of Next Scheduled Update: 07/05/2004

NY ROCKLAND UST: Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 02/09/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/2004
Date of Next Scheduled Update: 07/05/2004

NY SUFFOLK AST: Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 12/31/2001
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/2004
Date of Next Scheduled Update: 05/31/2004

NY SUFFOLK UST: Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 12/31/2001
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/2004
Date of Next Scheduled Update: 05/31/2004

NY CBS UST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

NY CBS AST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549

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
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

NY MOSF UST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549

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
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

NY MOSF AST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549

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
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/2004
Date of Next Scheduled Update: 07/26/2004

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

NY HSWDS: Hazardous Substance Waste Disposal Site Inventory

Source: Department of Environmental Conservation
Telephone: 518-402-9564

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: 09/01/2002
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/01/2004
Date of Next Scheduled Update: 05/31/2004

NY MANIFEST: Facility and Manifest Data

Source: Department of Environmental Conservation
Telephone: 518-402-8651

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

Date of Government Version: 03/17/2004
Database Release Frequency: Annually

Date of Last EDR Contact: 03/01/2004
Date of Next Scheduled Update: 05/31/2004

NY MANIFEST: Facility and Manifest Data

Source: NYSDEC
Telephone: 518-457-8585

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. (C) Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

POTENTIAL SUPERFUND LIABILITY

PRP: Potentially Responsible Parties

Source: EPA
Telephone: 202-564-6064
A listing of verified Potentially Responsible Parties

Date of Government Version: 03/02/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/23/2004
Date of Next Scheduled Update: 07/05/2004

**APPENDIX
VI
Freedom of Information Requests/Replies**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
APPLICATION FOR ACCESS TO RECORDS

NUMBER

(See Instructions on Reverse Side)

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TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:
I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

All Records Related To: Domino Sugar Refinery Site
Owner: American Sugar Refinery Company, Inc.
Physical Address: 264 to 306 and 329 Kent Avenue
Brooklyn, NY
Corporate Mailing Address: 316 Kent Avenue
Brooklyn, NY 11211-5131

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed \$

Name (Print or type) Environmental Health Inv. Inc. Telephone No. 973-729-5649

Attention of: William S. Kerber

Mailing Address 655 West Shore Trail, Sparta, NJ 07871

Signature *William S. Kerber* Date 5/18/04

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TO THE APPLICANT:

-Records Provided

- The reproduction costs for the records provided are \$ _____
- Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

-Records Not Available

- Records cannot be found after diligent search
- The Department is not the custodian for records indicated

-Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

- | | |
|--|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Specifically exempt by other statute <input type="checkbox"/> Unwarranted invasion of personal privacy <input type="checkbox"/> Would impair present or imminent contract awards or collective bargaining negotiations <input type="checkbox"/> Are examination questions or answers <input type="checkbox"/> Are inter-agency or intra-agency materials that are not: <ul style="list-style-type: none"> • statistical or factual tabulations or data • instructions to staff that affect the public • final agency policy or determinations; or • external audits, including but not limited to audits performed by the comptroller and the federal government <input type="checkbox"/> Are trade secrets | <ul style="list-style-type: none"> <input type="checkbox"/> Could endanger the life of any person <input type="checkbox"/> Are compiled for law enforcement purposes and which, if disclosed would: <ul style="list-style-type: none"> • interfere with law enforcement investigations or judicial proceedings • deprive a person of the right to a fair trial or or impartial adjudication • identify a confidential source or disclose confidential information relating to a criminal investigation, or • reveal criminal investigative techniques or procedures, except routine techniques and procedures <input type="checkbox"/> Would jeopardize an agency's capacity to guarantee the security of its information technology assets, such assets encompassing both electronic information systems and infrastructures |
|--|---|

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

Records Custodian Signature _____ Title _____ Date _____

New York State Department of Environmental Conservation
Division of Public Affairs and Education, Region 2
47-40 21st Street, Long Island City, NY 11101-5407
Phone: (718) 482-4507 • FAX: (718) 482-4862
Website: www.dec.state.ny.us



William S. Kerbel/Env. Health Inv.
973-729-5649
Fax: 973-729-5649

Re: CPC West at 266 W 115th St. In Manhattan, Block 1830, Lot 54 & 55

Dear Mr. Kerbel:

We are in receipt of your Foil request for the above referenced site. The Foil identification number assigned is R2-04-331.

If for any reason you need to contact us again please use that number. When the programs are done gathering the files/information this office will contact you.

Sincerely yours,



Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

NYS Department of Environmental Conservation

Office of Media Relations

625 Broadway, Albany, New York 12233-1016

(518) 402-8000 (518) 402-2209(fax)

FOIL Request No. 04-762

6/1/2004



**Erin M. Crotty
Commissioner**

Mr. William S Kerbel
Environmental Health Inv. Inc.
655 West Shore Trail
Sparta, NJ 07871-

Dear Mr. Kerbel:

This is to acknowledge receipt of your Freedom of Information Law request seeking:

Records re: **All records related to: Domino Sugar Refinery site, Owner: American Sugar Refinery Company, Inc., 264 to 366 and 329 Kent Avenue, Brooklyn**

I have referred your request to the following Records Custodian (s) / Freedom of Information Law Coordinator (s) who may possess the records you are requesting:

Ms. Elissa Armater - Environmental Enforcement
625 Broadway
Albany, NY 12233-5500 (518) 402-9509

Mr. Fawzy Abdelsadek - Region 2
2 Hunters Point Plaza 4740 21st Street
Long Island City, NY 11101-5407 (718) 482-4992

You may expect a response to your request by 6/29/2004.

If I can be of further assistance, please contact me at (518) 402-8000 Refer to request number 04-762 if you write or call.

Sincerely,

Ruth L. Earl
Records Access Officer

New York State Department of Environmental Conservation
Division of Public Affairs and Education, Region 2
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-4507 • FAX: (718) 482-4962
Website: www.dec.state.ny.us



Erin M. Crotty
Commissioner

William S. Kerbel/Env. Health Inv. Inc.
973-729-5649
Fax: 973-729-5649

Re: American Sugar Refinery Company, Inc. Located at:
264 to 366 and 329 Kent Ave. In Brooklyn

Dear Mr. Kerbel:

We are in receipt of your Foil request for the above referenced site. The Foil identification number assigned is R2-04-319.

If for any reason you need to contact us again please use that number. When the programs are done gathering the files/information this office will contact you.

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

New York State Department of Environmental Conservation
Regional Enforcement Coordinator, Region 2, Regional Direction
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-4992 • FAX: (718) 482-4962
Website: www.dcc.state.ny.us



Date: June 02, 2004

FOIL # R2-04-319

William S. Kerbel/Env. Health Inv. Inc.
973-729-5649
Fax: 973-729-5649

RE: American Sugar Refinery Company, Inc. Located at:
264 to 366 and 329 Kent Ave. in Brooklyn

Dear Mr. Kerbel:

NYSDEC/Region 2 has reviewed your request for the above referenced records under New York State's Freedom of Information Law (FOIL). Please note that most of our records are filed by number under the names of individuals or corporations. We have no way of locating or retrieving records if they are filed under names or addresses other than those you have provided.

If no records have been located, this does not necessarily mean, and should not be interpreted to mean that there have never been any violations, complaints, claims, investigations or inquiries involving those names or addresses. We cannot make any representations as to whether there are or have been any such violations, complaints, claims, investigations or inquiries.

- Records are available for review and/or copying. Please contact me at (718) 482-4992 to schedule an appointment to review the records.
- If you choose not to review the records, but to copy them, please notify us in writing. NYSDEC will send your order to an outside contractor, that will deal with you directly. If you decline the Contractor's estimate for copying, he may charge you for transportation of the records.
- Please bring A check, or Money Order with you to pay for any copies that you may prepare after your review.
- If we don't hear from you within the next 10 days, we assume that you are no longer interested to pursue your request.

If you have any questions, please call me at (718) 482-4992.

Sincerely yours,

Fawzy I Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

cc: Records Access Office

FIRE DEPARTMENT * CITY OF NEW YORK
BUREAU OF REVENUE MANAGEMENT
9 MetroTech Center
Brooklyn, N.Y. 11201-3857

A-95A(12/01)

RECORD SEARCH REQUEST
UNDERGROUND STORAGE TANKS

MAIL TO : William S. Kerbel
Environmental Health Investigations, Inc.
655 West Shore Trail
Sparta, NJ 07871

Search No. _____

The undersigned requests the following information re: Premises
264 - 366 and 329 Kent Avenue (Block 2414 & 2428) (Lot 1)
Brooklyn, NY

ADDRESS	BOROUGH
For Buried Motor Vehicle Fuel Tanks Only	
1. No. and Size of tanks	FEE: \$10.00
2. No. and Size of sealed and/or removed tanks	FEE: \$10.00
3. Most recent tank and/or piping test results, including type of test performed	FEE: \$10.00
4. History of leaks	FEE: \$10.00
5. Pending Headquarters Violation Orders	FEE: \$10.00
6. Other	FEE: \$10.00

State Applicants interest in or relation to premises:

(THE CITY OF NEW YORK IS NOT BEING SUED, NOR IS THERE ANY INTENTION TO SUE THE CITY OF NEW YORK)

Signed: *William S. Kerbel*

Date: 5/18/04

DO NOT WRITE BELOW THIS LINE

Gentlemen:

In reply to your request concerning the premises mentioned above, please be advised that as of 9 A.M.,
our records show the following:

(MAKE ADDITIONAL COMMENTS ON REVERSE SIDE)

Searched by: _____

VIOLATIONS RECORDED ABOVE ARE ONLY THOSE WHICH ARE A MATTER OF RECORD IN HEADQUARTERS OF THE BUREAU OF FIRE PREVENTION, AND MAY NOT INCLUDE VIOLATIONS ISSUED BY LOCAL UNITS, UNLESS A SUMMONS FOR "FAILURE TO COMPLY" WAS ISSUED. ALL REPORTED TANK INFORMATION COMES FROM RECORDS, WHICH EXIST IN THE FIRE DEPARTMENT DISTRICT OFFICE FOLDERS, OR ON COMPUTER FILES.

MAXIMUM RESPONSE TIME 20 BUSINESS DAYS

FIRE DEPARTMENT * CITY OF NEW YORK
BUREAU OF REVENUE MANAGEMENT
9 MetroTech Center
Brooklyn, N.Y. 11201-3857

A-95A(12/01)

RECORD SEARCH REQUEST
UNDERGROUND STORAGE TANKS

00487

MAIL TO : William S. Kerbel
Environmental Health Investigations, Inc.
655 West Shore Trail
Sparta, NJ 07871

Search No. _____

The undersigned requests the following information re: Premises
264 - 366 and 329 Kent Avenue (Block 2414 & 2428) (Lot 1)
Brooklyn, NY

ADDRESS	BOROUGH
For Buried Motor Vehicle Fuel Tanks Only	
1. No. and Size of tanks <u>NR.</u>	FEE: \$10.00
2. No. and Size of sealed and/or removed tanks <u>NR.</u>	FEE: \$10.00
3. Most recent tank and/or piping test results, including type of test performed	FEE: \$10.00
4. History of leaks	FEE: \$10.00
5. Pending Headquarters Violation Orders	FEE: \$10.00
6. Other	FEE: \$10.00

State Applicants interest in or relation to premises:

(THE CITY OF NEW YORK IS NOT BEING SUED, NOR IS THERE ANY INTENTION TO SUE THE CITY OF NEW YORK)

Signed: William Kerbel
Date: 5/18/04

DO NOT WRITE BELOW THIS LINE

Gentlemen:
In reply to your request concerning the premises mentioned above, please be advised that as of 9 A.M.,
our records show the following:
(MAKE ADDITIONAL COMMENTS ON REVERSE SIDE)

No Record.
Searched by: John 6/2/04

VIOLATIONS RECORDED ABOVE ARE ONLY THOSE WHICH ARE A MATTER OF RECORD IN HEADQUARTERS OF THE BUREAU OF FIRE PREVENTION, AND MAY NOT INCLUDE VIOLATIONS ISSUED BY LOCAL UNITS, UNLESS A SUMMONS FOR "FAILURE TO COMPLY" WAS ISSUED. ALL REPORTED TANK INFORMATION COMES FROM RECORDS, WHICH EXIST IN THE FIRE DEPARTMENT DISTRICT OFFICE FOLDERS, OR ON COMPUTER FILES.

MAXIMUM RESPONSE TIME 20 BUSINESS DAYS

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.

655 West Shore Trail Sparta, New Jersey 07871 • Phone/Fax 973-729-5649

May 17, 2004

F.O.I.L. Officer
Bureau of Environmental Investigations
New York City Department of Health & Mental Hygiene
346 Broadway/Box 16A
New York, NY 10013

Dear F.O.I.L. Officer:

We are writing pursuant to the New York Freedom Law to request access to certain information available from your agency. We would like to receive information regarding the known or potential environmental and public health hazards regarding the site in question.

We are requesting ANY and ALL information regarding the property located at:

264 - 366 and 329 Kent Avenue (Block 2414 & 2428) (Lot 1)
Brooklyn, NY

Specifically, we would like to obtain information regarding hazardous material, spills, inspections/violation, tank/storage information, and any other recognized environmental conditions from the following divisions:

- ◆ Bureau of Environmental Investigations
- ◆ Radiation
- ◆ Public Health Engineering

We would appreciate a speedy reply to this request as it is of utmost importance to our study. Thank you for your assistance, we await your reply.

Sincerely,



William S. Kerbel, CIH
President

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The City of New York
Department of Health and Mental Hygiene

Michael R. Bloomberg
Mayor

Thomas R. Frieden, M.D.
Commissioner

June 02, 2004

Environmental Helath Investigations, Inc.
655 West Shore Trail
Sparta NJ 07871

Attention: William Kerbel

RE: 264-366 and 329 Kent Avenue, Bklyn
CONTROL # 2004FR01363

This is to acknowledge receipt of your Freedom of Information request. Your request has been assigned the above control number and forwarded to the Bureau or office identified below for processing.

There is a fee of 25 cents per page for copies of Department records. You will be advised of the fee involved and upon receipt of the fee, the copies will be forwarded to you. All agencies of government are exempt from the fee.

Bureau / Office

Lead Poisoning Prevention Program
Ben DelPercio
(212) 676 - 6123

Bureau of Day Care
Karen Grant
(212) 676-2444

Administrative Tribunal - operations
Charlene Griffiths
(212) 361-1020

Bureau of Laboratories
Ann Marie Incalicchio
(212) 447-2578

Bureau of Human Resources
Anna Perez
(212) 788-5043

Environmental Health Services
Shirley Wiley
(212) 788 - 4706

Contracts
Magalie Tavaris
(212) 219 - 5869

All inquiries regarding the status of your request should be referred to the above Bureau or office.

Sincerely,

Rena Bryant
Records Access Officer

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.

655 West Shore Trail Sparta, New Jersey 07871 • Phone/Fax 973-729-5649

May 17, 2004

Marie Dooley
F.O.I.L. Officer
New York City Department of Environmental Protection
59-17 Junction Blvd.
Corona, NY 11368

Dear Ms. Dooley:

We are writing pursuant to the New York Freedom Law to request access to certain information available from your agency. We would like to receive information regarding the known or potential environmental and public health hazards regarding the site in question.

We are requesting ANY and ALL information regarding the property located at:

264 - 366 and 329 Kent Avenue (Block 2414 & 2428) (Lot 1)
Brooklyn, NY

Specifically, we would like to obtain information from the following divisions, including but no limited to:

- Bureau of Wastewater Pollution Control (sampling, inspection, sewer hook-up capability, violations)
- Division of Environmental Enforcement - Air and Noise (complaints, violations, equipment certificates)
- Bureau of Environmental Remediation - Asbestos (inspections, violations, asbestos, emergencies)
- Hazardous Material (storage, inspections, violations, spills)

We would appreciate a speedy reply to this request as it is of utmost importance to our study. Thank you for your assistance, we await your reply.

Sincerely,



William S. Kerbel, CIH
President

ATTACHMENT F
Emteque 2012 PHASE I REPORT



PHASE I
ENVIRONMENTAL SITE
ASSESSMENT

Performed at:
Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249
Tax Block 2414 / Lot 1
Tax Block 2428 / Lot 1



Conducted for:
Two Trees Management, LLC
45 Main Street, Suite 602
Brooklyn, NY 11201

Conducted by:
Emteque LLC
1350 Broadway, Suite 1901
New York, NY 10018-0891

August 2012
Project No. 12-5762



EXECUTIVE SUMMARY

Under Contract with Two Trees Management, LLC (the “Client”), Emteque LLC conducted a Phase I Environmental Site Assessment (“ESA”) for the property at 22 Grand Street, Brooklyn, NY; Tax Block 2414/Lot 1 and Tax Block 2428/Lot 1 (also known as 2-28 Grand Street, 268-290 Kent Avenue, 1-29 South 2nd Street, and 26-54 South 3rd Street) (“Subject Property”).

The ESA was conducted in accordance with the scope and limitations of the ASTM International Standard E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and the “due diligence” requirements of the Comprehensive Environmental Response, Compensation and Liability Act (“CERCLA”) and Section 9601 (35)(b) of the Superfund Amendments and Reauthorization Act.

Based on the data obtained during the site inspection, subsequent regulatory and records review, and interviews with persons familiar with the Subject Property and its history, Emteque LLC has identified Recognized Environmental Conditions (“RECs”) in the surrounding community. Emteque LLC has also identified RECs on the subject property. These RECs would be addressed during the ordinary course of construction on the various development sites. None of the RECs would preclude the redevelopment of the Subject Property as contemplated (include residential, commercial and education facilities). On-site and off-site RECs are summarized in Section 7.0 FINDINGS.

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Figure 1	Site Location Map
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LIST OF ABBREVIATIONS AND ACRONYMS

ASTM	ASTM International
AUL	Activity and Use Limitation
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CORRACTS	Corrective Action Reports
EDR	Environmental Data Resources, Inc.
EPA	United States Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
NPL	National Priority List
NFRAP	CERCLIS No Further Remedial Action Planned
NYCDEP	New York City Department of Environmental Protection
NYCDOH	New York City Department of Health
NYSDEC	New York State Department of Environmental Conservation
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethylene (or perchlorotethylene)
pCi/L	picocuries Per liter
RCRA	Resource Conservation and Recovery Act
RCRA	Info Resource Conservation and Recovery Act Information Database
REC	Recognized Environmental Condition
SHWS	State Hazardous Waste Site
SQG	Small Quantity Generator
SVOCs	Semi-volatile organic compounds
SWF/LF	Solid Waste Facilities/Landfill Sites
TSDF	Treatment, Storage and Disposal Facility
US EPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	State Voluntary Cleanup Agreement Sites
VOCs	Volatile organic compounds

1.0 INTRODUCTION

This report presents the findings of a Phase I Environmental Site Assessment (“ESA”) prepared by Emteque LLC for Two Trees Management, LLC (the “Client”). This project is known as the Domino Sugar Refinery located at 22 Grand Street, Brooklyn, NY; Tax Block 2414/Lot 1 and Tax Block 2428/Lot 1 (also known as 2-28 Grand Street, 268-290 Kent Avenue, 1-29 South 2nd Street, and 26-54 South 3rd Street) (“Subject Property”). Figure 1 shows the site location.

1.1 PURPOSE

The purpose of the Phase I ESA was to identify the presence of any Recognized Environmental Conditions (“RECs”), and/or Historical Recognized Environmental Conditions as defined by ASTM International (“ASTM”) Standard Practice E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, The assessment was performed at the request of Two Trees Management, LLC in connection with their acquisition of the property.

The application of ASTM Standard Practice E1527-05 in the preparation of this report is intended to permit the designated User of this report to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser (collectively, “landowner liability protections”) limitations on liability with respect to the Comprehensive Environmental Response, Compensation and Liability Act (“CERCLA”). This report, therefore, intends to represent “all appropriate inquiry” into the previous ownership and uses of the Subject Property, consistent with good commercial or customary practice, as defined by CERCLA in 42 U.S.C. §9601(35)(B).

1.2 SCOPE OF SERVICES

Emteque LLC’s scope of services for this Phase I ESA consisted of the following components, as further detailed in subsequent sections of this report:

- Records review;
- Review of prior Phase I ESA performed by EMTEQUE Corporation;
- Review of prior environmental reports;
- Site visit and reconnaissance;
- Interviews with present and past owners, operators, and occupants of the property; and
- Evaluation of information and preparation of a Phase I ESA report

The User’s responsibilities, as set forth in Section 6 of ASTM Standard Practice E1527-05, with respect to the identification of RECs in connection with the Subject Property, comprise an additional scope of inquiry. These responsibilities consist of the following tasks and information sources, as further discussed in Section 3 of this ESA:¹

- Review of Title and Judicial Records for Environmental Liens or Activity and Use Limitations (“AULs”);
- Specialized Knowledge or Experience of the User;
- Actual Knowledge of the User;
- Reason for Significantly Lower Purchase Price;
- Commonly Known or Reasonably Ascertainable Information; and
- Reason for Requesting a Phase I ESA

¹ ASTM Standard E1527-05 defines “Recognized Environmental Conditions” as follows: “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.” ² ASTM Standard E1527-05 defines “Historical Recognized Environmental Condition” as follows: “an environmental condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the Environmental Professional and will be influenced by the current impact of the historical recognized environmental condition on the property.”

1.3 SIGNIFICANT ASSUMPTIONS

In general, Emteque LLC has assumed in the conduct of this ESA that respondents to our inquiries offered information in good faith and that reasonably correct and accurate information from the sources consulted has been obtained.

1.4 LIMITATIONS AND EXCEPTIONS

This investigation was limited to the review of available records, interviews with local officials and persons familiar with the Subject Property, and an on-site visual inspection. The site inspection was limited to observation of surficial conditions only. Such an inspection cannot be expected to reveal all oil or hazardous materials or situations that might be present on-site; some hazardous materials or conditions may exist and not be detected because they are beyond the scope of this study. The investigation was conducted in a manner consistent with that level of care and skill exercised by environmental professionals currently practicing under similar conditions and was based on information made available to the representatives of Emteque LLC. All documents prepared by or furnished by Emteque LLC pursuant to this project are to be used in the context of the scope of services contracted. This document is not intended or represented to be suitable for reuse by the client or others on modifications of the project scope. Reuse or release to third parties without the expressed written permission of Emteque LLC is prohibited.

1.6 USER RELIANCE

Emteque LLC conducted interviews and file and data reviews to obtain information that could reveal the past or present use, storage and/or disposal of hazardous substances or petroleum products on or near the Subject Property. Emteque LLC performed a visual reconnaissance of the Subject Property to identify evidence of potential sources of contamination. The Phase I ESA conforms to the general content requirements of ASTM Standard E-1527, to address the due diligence provisions of CERCLA. This report was prepared in accordance with Section 9601 (35)(b) of the Superfund Amendments and Reauthorization Act, to satisfy the provision that "all appropriate inquiry" be made into the presence or potential presence of hazardous substances or petroleum products on the Subject Property.

Additional information which was not available at the time of this report's preparation may result in the modification of the information present herein. The scope of work for this Phase I ESA did not include evaluation of radon gas.

2.0 SITE DESCRIPTION

The approximately 11-acre project site is composed of two parcels: a waterfront parcel (Block 2414, Lot 1) and an upland parcel (Block 2428, Lot 1). The waterfront parcel is approximately 9.9 acres (excluding the approximately 6.2 acres of land underwater to the pierhead line), and the upland parcel is approximately 1.3 acres. The waterfront parcel is bounded on the west by the East River, on the north by Grand Street, on the east by Kent Avenue, and on the south by South 5th Street, which separates the site from the Williamsburg Bridge immediately to the south. Grand Street ends at Grand Ferry Park, which is a public park that provides access to the East River. The block on which the upland parcel is located is bounded on the west by Kent Avenue, on the north by South 3rd Street, on the east by Wythe Avenue, and on the south by South 4th Street.

The waterfront portion of the site, which stretches for approximately 1,300 feet along the East River, is a complex of industrial buildings ranging in height from one to 16 stories. These buildings include warehouses, sugar processing buildings, power-generating facilities, and research and design structures. The buildings on the project site are currently unoccupied. LPC designated the three buildings which comprise the Refinery (individually known as the Filter House, the Pan House, and the Finishing House) as New York City Landmarks on September 25, 2007. The Filter House, located along the riverfront, is 12 stories tall. The Pan and Finishing Houses, located along Kent Avenue, are each eight stories. The interiors of the buildings do not consist of discrete and continuous floor levels, as in a conventional structure. Many large pieces of vertical processing equipment extend through several floors of the buildings, and in many cases what floor structure does exist was built around the various tanks, hoppers, bins, vats, pipes, and diagonal bracing that fill the structures. Internal columns are cast iron, and the floors consist variously of iron plate, catwalks, and terra cotta arch floor slabs. The upland parcel, now a vacant lot, was formerly used as a parking lot. All of the East River shoreline along the project site is developed with a platform and bulkhead. The pier/platform, which covers about 1.3 acres over the water, is a pile-supported deck that is in fair-to-moderate structural condition. It was formerly used for the docking of cargo ships and there are cranes and other maritime infrastructure along the water's edge.

2.1 LOCATION AND LEGAL DESCRIPTION

The Subject Property's legal description is 22 Grand Street, Brooklyn, NY; Tax Block 2414/Lot 1 and Tax Block 2428/Lot 1 (also known as 2-28 Grand Street, 268-290 Kent Avenue, 1-29 South 2nd Street, and 26-54 South 3rd Street).

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The general characteristics of the site and vicinity is light manufacturing, warehouse, storage and residential development. Residential development in the areas appears to be growing.

2.3 CURRENT USE OF THE SUBJECT PROPERTY

The site is currently abandoned. Domino Sugar completed its use of the site in 2004 and since that point in time the property has been vacant.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

The main property is bound by Grand Street to the north, South 5th Street to the south, the East River to the West and Kent Avenue to the East. The Former Parking Garage is bound by South 3rd Street to the North, South 5th Street to the South, Kent Avenue to the West, and Wythe Avenue to the East.

2.5 CURRENT USE OF THE ADJOINING PROPERTIES

The immediate surrounding area includes a New York Power Authority generating facility (natural gas), warehouses to the east across Kent Avenue, Office and Residential properties to the east across Kent Avenue and the Department of Sanitation and Department of Transportation facilities to the south. The East river lies immediately adjacent to the subject property to the west.

3.0 USER PROVIDED INFORMATION

The "User" of the Property, in accordance with ASTM Standard Practice E1527-05, is Ms. Bonnie Campbell of Two Trees Management, LLC.

3.1 TITLE RECORDS

Title records have not been researched.

3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The User does not know of any environmental liens or AULs relevant to the Subject Property.

3.3 SPECIALIZED KNOWLEDGE

The User has no specialized knowledge with respect to the Subject Property.

3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The User has no pertinent commonly known or reasonably ascertainable information relevant to the Subject Property.

3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The User has indicated that the purchase price of the Subject Property fairly reflects the market value of the property.

3.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Information provided by the Subject Property owner, property manager, and/or occupant is provided in Section 6 and where otherwise stated.

3.7 REASON FOR PERFORMING PHASE I

The Phase I ESA was performed at the request of Two Trees Management, LLC in connection with their acquisition of the property.

4.0 RECORDS REVIEW

In order to supplement and cross-reference the information received from various sources, Emteque LLC commissioned a search of federal and state databases conducted by Environmental Data Resources, Inc. ("EDR") of Milford, Connecticut. If any information about the Subject Property or nearby properties was found, a discussion of the listing is presented in the text under the appropriate classification. Dates shown are those of the most recent updates to the databases. A complete copy of the database report is contained in Appendix C.

The databases discussed in this section were reviewed for information regarding documented and/or suspected releases of regulated hazardous substances and/or petroleum products on or near the Site.

4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Emteque LLC reviewed information from the following Federal/State databases, identified by ASTM Standard E1527, as sources of information relevant to the Phase I ESA process.

- Federal CERCLIS list – dated 12/27/2011
- Federal CERCLIS NFRAP site list – dated 12/28/2011
- Federal CORRACTS List – dated 8/19/2011
- Federal RCRA non-CORRACTS TSD facilities list – dated 3/15/2012
- Federal RCRA Generators list – dated 3/15/2012
- Federal RCRA-SQG list – dated 3/15/2012
- Federal RCRA-CESQG list – dated 3/15/2012
- State and Tribal equivalent CERCLIS – dated 5/21/2012
- State and tribal landfill and/or solid waste disposal site lists – dated 4/11/2012
- LTANKS (Leaking Tanks) – dated 5/22/2012
- HIST LTANK (Historic Leaking Tanks) – dated 1/1/2002
- State and tribal registered storage tanks list (USTs) – dated 5/9/2012
- CBS USTs – dated 1/1/2001
- Major Oil Storage Facilities (UST) – dated 1/1/2002
- AST (Aboveground Storage Tanks) – dated 5/9/2012
- Chemical Bulk Storage ASTs – dated 1/1/2002
- Major Oil Storage Facilities database (ASTs) – dated 1/1/2002
- Major Oil Storage Facilities – dated 5/9/2012
- Chemical Bulk Storage ASTs – dated 5/9/2012
- State and Tribal Voluntary Cleanup Sites – dated 5/21/2012
- Local lists of Landfill/Solid Waste Disposal Sites – dated 4/11/2012
- HIST UST (Historic Underground Storage Tanks) – dated 1/1/2002
- NY Spills – dated 5/22/2012
- NY Hist Spills – dated 1/1/2002
- RCRA-NonGen – dated 3/15/2012
- Manifests – dated 5/1/2012
- E Designation – dated 10/5/2011
- 2020 COR Action – dated 11/11/2011
- Manufactured Gas Plants – no date

4.1.1 Federal CERCLIS list

A review of the Federal CERCLIS list revealed one (1) CERCLIS site within ½ mile radius of the subject site located at 230 Kent Avenue and is considered an REC.

4.1.2 Federal CERCLIS NFRAP site list

A review of the Federal CERCLIS NFRAP site list indicates that there is one (1) CERC NFRAP site located within ½ mile radius of the subject site and is not considered an REC based on its distance from the subject property.

4.1.3 Federal CORRACTS List

A review of the Federal CORRACTS list indicates that there is one (1) property within a 1-mile radius of the subject site which is Radiac Corporation located on the corner of south 1st Street and Kent Avenue. Based on the distance from the subject property is considered an REC.

4.1.4 Federal RCRA non-CORRACTS TSD facilities list

A review of the Federal RCRA non-CORRACTS TSD facilities list indicates that there is one (1) site listed which has been identified as Radiac Corporation, and based on its proximity to the site is considered an REC.

4.1.5 Federal RCRA Generators list

RCRA Info is the EPA's comprehensive information system, providing access to data supporting RCRA (the Resource Conservation and Recovery Act of 1976) and the Hazardous and Solid Waste Amendments of 1984. Inclusion on the list is not necessarily indicative of contamination; rather, it indicates the presence of potential sources of contamination. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA, either large quantity generators (LQG) or small quantity generators (SQG). Conditionally exempt small quantity generators ("SQGs") generate less than 100 kilograms ("kg") of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kg of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. Treatment, Storage or Disposal Facilities ("TSDFs") treat, store, or dispose of the waste.

A review of the Federal RCRA Generators list has revealed the presence of one (1) large quantity generator within a ¼ mile radius of the subject site, which has been identified as Radiac Corporation, and is considered an REC.

There are three (3) Small Quantity Generators, and two (2) Conditionally Exempt Small Quantity Generators have been noted within a ¼ mile radius of the subject site. The NY Power Authority location at North 1st Street and River is an SQRG and considered an REC. The CESQG are not considered RECs.

4.1.6 State and Tribal equivalent CERCLIS

A records review indicates that there are two (2) States' equivalent CERCLIS site within a 1-mile radius of the subject site and based on the distance to the property and are not considered RECs.

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

A review of the SWF/LF list indicates that there are nine (9) SWF/LF sites within a ½ mile radius of the subject site and based on their distance from the subject site are not considered RECs.

4.1.8 LTANKS (Leaking Tanks)

There are seventeen (17) LTanks within a ½ mile radius of the subject site. Spills at each of these locations have been noted as closed and are not considered RECs.

4.1.9 HIST LTANK (Historic Leaking Tanks)

There are nineteen (19) reports of historic leaking tanks. These events have been cross-referenced against the LTanks list, and all up-gradient spills have been closed with the exception of eight (8) spills located at:

- 49 South 2nd Street

- 214 Kent Avenue
- 372 Kent Avenue
- 390 Kent Avenue
- 154-158 North 7th Street
- 179 North 6th Street
- 93 North 9th Street
- 93 North 9th Street
- North 1st Street/Kent Avenue
- 65 South 3rd Street

Based on distance from the subject site only the first two (2) are considered RECs.

4.1.10 State and tribal registered storage tanks list (USTs)

There are ten (10) underground storage tanks with ¼ mile radius of the subject site, which based on distance, are considered RECs.

4.1.11 Major Oil Storage Facilities database

A review of the MOSF list indicates the presence of one (1) facility within ½ mile radius of the subject site and is considered an REC.

4.1.12 AST (Aboveground Storage Tanks)

There are six (6) registered aboveground storage tanks within ¼ mile radius of the subject site and are not considered RECs.

4.1.13 CBS USTs

There are two (2) Chemical Bulk Storage tank facilities located within a ½ mile radius of the subject site and are considered RECs.

4.1.14 Major Oil Storage Facilities database (USTs)

A review of the MOSF (USTs) list indicate that there is one (1) MOSF facility located within a ½ mile radius of the subject site and based on the distance to the subject site, this is considered an REC.

4.1.15 Aboveground Storage Tank List

A review of the AST list indicates that there are six (6) ASTs within a ¼ mile radius of the subject property and three (3) of those locations are considered RECs.

4.1.16 Chemical Bulk Storage ASTs

A review of the CBS AST list reveals that there are two (2) sites within a ¼ mile radius of the subject site and are considered RECs.

4.1.17 Major Oil Storage Facilities database (ASTs)

A review of the MOSF AST list indicates that there is one (1) site within a ½ mile radius of the subject site and is considered an REC.

4.1.18 Major Oil Storage Facilities List (400,000-gallons or greater)

A review of the MOSF list indicates that there are three (3) sites within a ½ mile radius of the subject site and are not considered RECs.

4.1.19 CBS sites

A review of the CBS list reveals that there are five (5) sites within a ¼ mile radius of the subject site, three (3) of which are considered RECs.

4.1.20 State and Tribal Voluntary Cleanup Sites

A review of this list indicates that there is one (1) VCP site located within a ½ mile radius of the subject property and is located at 230 Kent Avenue and is considered an REC.

4.1.21 Local lists of Landfill/Solid Waste Disposal Sites

A review of this list indicates that there are two (2) sites within a ½ mile radius of the subject site and are not considered RECs.

4.1.22 HIST UST (Historic Underground Storage Tanks)

A total of eight (8) underground storage tanks are present within ¼ mile radius of the subject site. These have been discussed in prior sections of this review.

4.1.23 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 regulations), or 6 NYCRR Section 595.2 (from CBS regulations). The NY SPILLS database includes information on spills active as of April 1, 1986, as well as spills occurring since this date and up to July 11, 2007.

There are thirty (30) NY Spill sites within ⅛ mile radius of the subject site. These have been discussed in prior sections of this review. Three (3) spills have been noted at the subject property and those spills have been closed.

4.1.24 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 NYS Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from NYSDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

Twenty-two (22) historic spills have been identified within ⅛ mile radius of the subject site. These spills have been addressed in prior sections of this review.

4.1.25 RCRA-NonGen

There are twenty-two (22) RCRA-NonGen sites located within a ¼ mile radius of the subject site and are not considered RECs.

4.1.26 Manifests

There are twenty-seven (27) MANIFEST sites located within a ¼ mile radius of the subject site and are not considered RECs.

4.1.27 E Designation

There are seventeen (17) E Designated sites within an ⅛ mile radius of the subject site. The Zoning Maps for the City of NY has determined that the potential for hazardous materials exist at

these sites, and require that further investigation is performed prior to the development of these sites, and therefore these sites are considered RECs.

4.1.28 2020 COR Action

A review of the 2020 COR ACTION list indicates that there is one (1) site within a 1/8 mile radius of the subject site, and based on the proximity to the site, is considered an REC.

4.1.29 Manufactured Gas Plants

MGP sites are sites that manufactured gas and many of the byproducts of this process are potentially hazardous to human health.

Five (5) MGP sites were located within a 1-mile radius of the subject site and based on the distance from the subject site, are not considered RECs. Contaminants generated by MGP sites normally do not migrate a significant distance from the site.

4.1.30 Target Property Search Results

The subject property appeared in multiple databases searched by EDR which are summarized below:

- RCRA – SQG
- MANIFEST list
- NYSpills/Air list (closed spill)
- CBS AST list
- CBS list

4.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Additional state and local records sources were investigated in an attempt to supplement information obtained through review of standard environmental record sources. The additional records and sources consulted in conjunction with this Phase I ESA are listed below. Copies of correspondence to and received from, any of these record sources are included in Appendix I.

4.2.1 United States Environmental Protection Agency (US EPA)

A Freedom of Information Act (FOIA) request was sent to the US EPA on July 27, 2012 for the subject site. An acknowledgement of this request was received via email on August 2, 2012 indicating that they will respond within twenty working days.

4.2.2 Fire Department of the City of New York

A FOIA request was sent to the Fire Department of the City of New York on August 7, 2012 for the subject site; acknowledgement of this request has not yet been received.

4.2.3 New York State Department of Environmental Conservation (NYSDEC)

A FOIA request was sent to the NYSDEC on July 27, 2012 for the subject site. Acknowledgement of this request was received via email on August 6, 2012 indicating that we will receive a response by September 4, 2012.

4.2.4 New York City Department of Health (NYCDOH)

A FOIA request was sent to the NYCDOH on July 27, 2012 for the subject site; acknowledgement of this request has not yet been received.

4.2.5 New York City Department of Environmental Protection (NYCDEP)

A FOIA request was sent to the NYCDOH on July 27, 2012 for the subject site. A response was received via email on August 6, 2012 indicating that their search did not reveal any records relevant to our request.

4.2.6 New York City Department of Buildings

The New York City Department of Buildings site did not have any Certificates of Occupancy posted to review.

4.3 PHYSICAL SETTING SOURCE(S)

In order to establish the regional physiography and subsurface conditions, Emteque LLC reviewed available regional geologic and hydrogeologic documents. Through the review of these documents, an understanding of the subsurface conditions was developed. These conditions or characteristics were used to determine potential contaminant migration pathways. A complete list of reference documents is included in Section 12.

4.3.1 Regional Land Use

The subject property consists of 264-366 Kent Avenue (which exists on the west side of Kent Avenue) and 329 Kent Avenue (which exists on the east side of Kent Avenue) in the Borough of Brooklyn, New York. The 264-366 Kent Avenue parcel of the subject property is bordered by Grand Street, Grand Ferry Park and the New York Power Authority's Williamsburg-Grand Ferry Park 47-megawatt electric generating gas turbine power generation station to the north, Kent Avenue to the east, South Fifth Street and the Williamsburg Bridge to the south and the East River to the west. The 329 Kent Avenue parcel is bound by South Third Street to the north, light industry and residential structures on the eastern portion of Block 2428, South Fourth Street to the south and Kent Avenue and the 264-366 parcel of the Site to the west.

4.3.3 Subsurface Conditions

4.3.3.1 Regional Geology

The subject property is underlain by glacial till as determined by the New York State Geological Survey. Till is a poorly sorted glacial deposit consisting of clay, silt, sand, and gravel. The total thickness of the unconsolidated formations is generally less than 100 feet in the NYC area. The unconsolidated deposits unconformably overlie Pleistocene Glacial/Terrance deposits and Precambrian and lower Paleozoic age bedrock consisting of gneiss, quartzite, and marble. Available regional maps suggest that bedrock near the site consists of Manhattan Schist. The Manhattan Schist is composed of severely metamorphosed coarsely crystalline mica schist.

4.3.3.2 Regional Hydrology

The unconsolidated glacial drift deposits form an unconfined or water table aquifer system. Sand and gravel lenses within till deposits are generally not extensive enough for use as a municipal supply.

Groundwater in bedrock occurs in interconnecting fractures that have resulted mainly from jointing. Systematic fractures are generally believed to provide the principal passages for groundwater flow through the bedrock. Both the water table and bedrock aquifers have been utilized in the past for industrial supply wells. New York City currently utilizes upstate reservoirs for the municipal water supply.

The surface topography slopes gently to the west-northwest. Based on United States Geological Survey (USGS) Brooklyn Quadrangle dated 1967 (photo revised 1979), the property lies at an elevation of approximately 30 feet above the National Geodetic Vertical Datum

(NGVD) of 1929 (an approximation of mean sea level) along the eastern side of the site to approximately 10 feet along the East River. Based on geologic information provided by Nova in a Phase II and Phase III ESA, groundwater was encountered at depths ranging from 6 to 24 feet below grade. Nova documented that the shallow zones of saturation were perched on thin unconsolidated layers of sand, silt and clay. Based on local topography, groundwater most likely flows in a westerly direction toward the East River, located along the western property boundary. Actual groundwater flow direction and depth can be affected by many factors including tidal influence, underground openings or obstructions such as basements, and other factors beyond the scope of this study.

4.4 REGIONAL SOILS

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	Variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Based on Soil Conservation Service STATSGO data, the following additional subordinate soil types may appear within the general area of target property.

- Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam
- Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam
- Shallow Soil Types: sandy loam
- Deeper Soil Types: unweathered bedrock
very gravelly – loamy sand
stratified
sandy loam

4.5 REGIONAL AND LOCAL SURFACE WATER

Overland water flow at the site is generally west southeast towards the East River which is the western border of the Site. A review of the applicable National Wetlands Inventory map revealed the East River as an estuarine marine wetland. Additionally, the westernmost portions of the site are depicted as part of the National Wetland Inventory on the EDR report which is included as an attachment to this report.

It is also noted that the Site is located within both the 100 and 500 year flood zones.

4.6 REGIONAL CLIMATE

The climate of New York City is considered to be temperate. Winters are generally mild. Summers are humid, with common thunderstorms. Precipitation averages approximately 43 inches per year, distributed fairly evenly throughout the year. Prevailing winds are generally from the west.

4.7 SUMMARY OF ENVIRONMENTAL CONDITIONS

Extensive environmental reports have been furnished for review and that review can be found in section 4.10.

4.8 HISTORICAL USE INFORMATION ON THE SUBJECT PROPERTY

Information on history of the Subject Property was obtained through interviews with persons familiar with the area, municipal records, historic maps, and aerial photographs.

4.8.1 Aerial Photographs

Emteque LLC reviewed aerial photographs of the Subject Property area supplied by EDR from 1924, 1954, 1966, 1975, 1984, 1994, 1995, and 2006. Copies of these photographs are presented in Appendix D.

4.8.2 Fire Insurance Maps

Emteque LLC reviewed Sanborn® Company fire insurance rate maps of the Site area, supplied by EDR. Sanborn Maps reviewed included the following years; 1887, 1904, 1918, 1922, 1928, 1935, 1947, 1950, 1965, 1977, 1979, 1980, 1981, 1982, 1984, 1986, 1987, 1989, 1991, 1992, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, and 2007.

The Subject Site

Since 1887, Domino Sugar (AKA Brooklyn Sugar Refining Co, American Sugar Refining Co., Amstar Corporation) has occupied the site. The subject site is bounded by Grand Avenue to the North, Kent Avenue to the East, the East River to the West, and the Brooklyn Bridge and Department of Transportation site to the south. A smaller portion of the site located on the east side of Kent Avenue, between South 3rd Street and South 4th Street. Three quarters of the block, east of Kent Avenue, between south 3rd and 4th Street has been occupied by Domino Sugar since at least 1918 and appears as a vacant lot in the review of the 1947 Sanborn map.

Surrounding Properties

1887 – Properties to the northeast of the subject site include coal storage, lumber yard, and ferry terminals. Sites to the east and northeast include commercial retail stores and residential dwellings. The northeast corner opposite on Kent Street is not developed; stores exist between 2nd and 3rd Streets, dwellings between 3rd & 4th Street, dwellings and stores between 4th and 5th Streets, a licorice storage facility, and sandpaper factory are identified on the Sanborn maps..

1904 – Northeast of the subject site are stores, a cigar manufacturing facility and syrup storage tanks. The surrounding community is much more developed with stores and dwellings, a tin warehouse is present between 2nd and 3rd Street, American Sugar between 3rd and 4th Street, and between 4th and 5th Street a bakery and sandpaper factory.

1918 – US Government Supply Building is located to the north and is being used by Domino Sugar. Dwellings, stores, and manufacturing facilities are located to the Northeast. No Sanborn maps have been provided for this timeframe for the properties to the east and south.

1922 – Sanborn provided for the eastern and southern sites was not legible. No information available for properties to the north.

1928 – Sanborn maps were not legible.

1935 – Bottling facilities are located to the northeast along with dwellings and stores. The East River is located to the West of the subject site. Stores, a tin warehouse and American Sugar are located between 3rd and 4th Street, a burlap bag factory between 4th and 5th Street and a former carpentry shop, a general store, and a Department of Transportation garage is located to the south and east of the subject site.

1947 – A molasses storage facility and bottling plant are located to the northeast. A bottle cap manufacturing facility and undeveloped lot are to the east between Grand Avenue and 1st Street, and a general merchandise facility between 1st and 2nd Street. A tin manufacturing warehouse is located to the east between 3rd and 4th Streets and a burlap bag factory between 4th and 5th Street.

1950 – Steel molasses storage tanks are located to the north of the subject sites, a bottling facility to the northeast of the subject site. A filling station to the east of the subject site between Grand Avenue and South 1st Street, a bottling cap manufacturer also between Grand and South 1st, a garage and American Sugar Refining Co. is located east of the subject site between South 1st Street and South 2nd Street. A junk yard, stores and a tin warehouse exist between South 2nd Street and South 3rd Street, primarily a vacant lot between South 3rd Street and South 4th Street and the American National Burlap bag factory between South 4th and South 4th Street. A Department of Public Works facility is located to the south of the subject site below the Bridge.

1965 – Steel molasses storage tanks are located to the northeast along with warehouses, and parking. A filling station is located on the corner of Grand Avenue and Kent Avenue, a factory between Grand Avenue and south 1st Street. A garage and American Sugar Refining is located between south 1st Street and South 2nd Street, American Ball Bearing is located on the east side of Kent Avenue between 2nd & 3rd Avenue, with warehouses and a Department of Sanitation Garage to the southeast and directly south the Department of Public Works facility.

1977, 1979, 1980, 1981, 1982, 1984, 1986, 1987, 1989, 1991, 1992, 1993 – the site remains generally unchanged from 1965. The parcel between South 3rd Street and South 4th Street is vacant. Properties between South 3rd Street and South 4th Street are factories and offices. In 1982, the filling station which appeared on Kent Avenue and Grand Avenue is no longer on the Sanborn map.

1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, and 2007 – Steel molasses tanks are located to the north of the subject site, to the northeast are warehouses, manufacturing facilities, private properties between Grand Avenue and south 1st Street. Domino Sugar maintains the facility between South 1st Street and South 2nd Street. The New York City Housing Authority is listed as the occupant of the property between South 2nd Street and South 3rd Street, factories, vacant properties and offices between South 3rd Street and South 4th Street, and the Department of Sanitation to the southeast and the Department of Public Works to the south.

Since its initial construction the Domino Sugar Refinery has always had the East River bordering the West side of the subject site.

4.8.3 Recorded Land Title Record

Recorded Land Title Records were not searched.

4.8.4 USGS Topographic Maps

Emteque LLC reviewed the Historical Topographic Maps of the Subject Property and surrounding area supplied by EDR. The Topographic maps confirm the findings of the Sanborn Map reviews detailed above.

4.8.5 Local Street Directories

As part of the historical review, Emteque LLC obtained and reviewed an abstract of a City Directory search, completed by EDR, Inc. A copy of this abstract is included as Appendix F to this report. This research covered the property in at least five-year increments from 1920 to the present. No significant information as it relates to environmental conditions was obtained from this review.

4.9 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

4.9.1 Aerial Photographs

Emteque LLC reviewed aerial photographs of the Subject Property area, supplied by EDR. Copies of these photographs are presented in Appendix D. The aerial maps are consistent with findings from the review of the Sanborn Fire Insurance Maps, discussed in detail below. Aerial photographs reviewed included; 1924, 1954, 1966, 1975, 1984, 1994, 1995, and 2006.

4.9.2 Fire Insurance Maps

A summary of the review of Sanborn Maps conducted by Emteque LLC is provided in the chart below. Sanborn maps reviewed were for the years: 1887, 1904, 1918, 1922, 1928, 1935, 1947, 1950, 1965, 1977, 1979, 1980, 1981, 1982, 1984, 1986, 1987, 1989, 1991, 1992, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, and 2007. Copies of the Sanborn® maps are included in Appendix E.

1887 – Properties to the northeast of the subject site include coal storage, lumber yard, and ferry terminals. Sites to the east and northeast include stores and dwellings. The northeast corner opposite on Kent Street is not developed. Stores exist between 2nd and 3rd Streets, dwellings between 3rd & 4th Street, dwellings and stores between 4th and 5th Streets, which included a facility for the storage of licorice, storage, and sandpaper factory between 4th Street and 5th Street.

1904 – Northeast of the subject site are stores, a cigar manufacturing facility and syrup storage tanks. The surrounding community is much more developed with stores and dwellings, a tin warehouse is present between 2nd and 3rd Street, American Sugar between 3rd and 4th Street, and between 4th and 5th Street a bakery and sandpaper factory.

1918 – US Government Supply Building is located to the north and is being used by Domino Sugar, Dwellings, stores, and manufacturing facilities are located to the Northeast. No Sanborn maps have been provided for this timeframe for the properties to the east and south.

1922 – The Sanborn map provided for the eastern and southern sites was not legible. No information available for properties to the north.

1928 – Sanborn maps were not legible.

1935 – Bottling facilities are located to the northeast along with dwellings and stores. The East River is located to the West of the subject site. Stores, a tin warehouse and American Sugar are located between 3rd and 4th Street, a burlap bag factory between 4th and 5th Street and a former carpentry shop, a general store, and a Department of Transportation garage is located to the south and east of the subject site.

1947 – A molasses storage facility and bottling plant are located to the northeast. A bottle cap manufacturing facility and undeveloped lot are to the east between Grand Avenue and 1st Street, a general merchandise facility between 1st and 2nd Street. A tin manufacturing warehouse is located to the east between 3rd and 4th Streets and a burlap bag factory between 4th and 5th Street.

1950 – Steel molasses storage tanks are located to the north of the subject sites, a bottling facility to the northeast of the subject site. A filling station to the east of the subject site between Grand Avenue and South 1st Street, a bottling cap manufacturer also between Grand and South 1st, a garage and American Sugar Refining Co. is located east of the subject site between South 1st Street and South 2nd Street. A junk yard, stores and a tin warehouse exist between South 2nd Street and South 3rd Street, primarily a vacant lot between South 3rd Street and South 4th Street and the American National Burlap bag factory between South 4th and South 4th Street. A Department of Public Works facility is located to the south of the subject site below the Bridge.

1965 – Steel molasses storage tanks are located to the northeast along with warehouses, and parking. A filling station is located on the corner of Grand Avenue and Kent Avenue, a factory between Grand Avenue and south 1st Street. A garage and American Sugar Refining is located between south 1st Street and South 2nd Street, American Ball Bearing is located on the east side of Kent Avenue between 2nd & 3rd Avenue, with warehouses and a Department of Sanitation Garage to the southeast and directly south the Department of Public Works facility.

1977, 1979, 1980, 1981, 1982, 1984, 1986, 1987, 1989, 1991, 1992, 1993 – the site remains generally unchanged from 1965. The parcel between South 3rd Street and South 4th Street is vacant. Properties between South 3rd Street and South 4th Street are factories and offices. In 1982, the filling station which appeared on Kent Avenue and Grand Avenue is no longer on the Sanborn.

1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, and 2007 – Steel Molasses tanks are located to the north of the subject site, to the northeast are warehouses, manufacturing facilities, private properties between Grand Avenue and south 1st Street. Domino Sugar maintains the facility between South 1st Street and South 2nd Street. The New York City Housing Authority is listed as the occupant of the property between South 2nd Street and South 3rd Street, factories, vacant properties and offices between South 3rd Street and South 4th Street, and the Department of Sanitation to the southeast and the Department of Public Works to the south.

Since its initial construction the Domino Sugar Refinery has always had the East River bordering the West side of the subject site.

4.9.3 USGS Topographic Maps

Emteque LLC reviewed the Historical Topographic Maps of the Subject Site and surroundings supplied by EDR. The Topographic maps are consistent with findings based on review of the Sanborn Fire Insurance Maps (previously discussed).

4.9.4 Other Historical Sources

Additional information on the history of adjoining properties was obtained through the New York City Department of Buildings (NYCDOB), Building Information System (BIS). This database contains all building permits and records through the NYCDOB, and examined for New Buildings (NB) Applications, Records of Major Alterations (ALT), Demolitions (DM), and Certificates of Occupancy (CO) and other records of changes or violations at the Subject Property. Review of the NYCDOB website did not reveal anything of environmental significance.

4.10 ENVIRONMENTAL REPORTS REVIEWED

- *An Environmental Assessment Phase I of Domino Sugar Refinery 264-366 and 329 Kent Ave, Brooklyn, N.Y.* Prepared by Environmental Health Investigations, Inc. Dated April – June 2004.
- *Phase II Environmental Site Assessment Report -366 Kent Avenue, Brooklyn, N.Y.* Prepared by Nova Consulting & Engineering, LLC Dated June 2004
- *Phase III Environmental Site Assessment Report, Kent Avenue, Brooklyn, New York (Block 2414, Lot 1 and Block 2428, Lot 1)* Prepared by Nova Consulting and Engineering, Dated July 2004.
- *Former Domino Sugar Site, Brooklyn N.Y. Subsurface Phase II Investigation.* Prepared by AKRF, Dated February 2009.
- *Domino Sugar Rezoning – Final Environmental Impact Statement.* Prepared by AKRF, dated May 2010.
- *Former Domino Sugar Site Brooklyn, N.Y. Annual Groundwater Monitoring Report.* Prepared by AKRF, dated September 2010
- *Former Domino Sugar Site Brooklyn, N.Y. Annual Groundwater Monitoring Report.* Prepared by AKRF, dated October 2011

Emteque has reviewed the above reports and their methodologies and conclusions. Past environmental investigations at the Site were designed to investigate potential impacts to Subject Property soils and groundwater related to RECs which were identified in those reports. Our review of the sample analytical data (including the two most recent annual groundwater monitoring reports) revealed that the collected data for both soil and groundwater indicate that the presence of VOCs, SVOCs and metals are indicative of the historic / urban fill that was placed at the site to raise its topographic grade/elevation prior to its development in the mid 1800's. The presence of these contaminants is considered a regional issue to this section of Brooklyn and is not indicative of Subject Property activities.

5.0 SITE RECONNAISSANCE

Emteque LLC representatives Mssrs. Eric Telemaque, President and Jim Blaney, Senior Project Manager, conducted site inspections of the property on July 30, 2012 and again on August 1, 2012.

5.1 METHODOLOGY AND LIMITING CONDITIONS

The refinery building was the only structure that was thoroughly investigated. All floors of the refinery were inspected. Other properties on the site to the north were boarded up and could not be inspected. The packaging building was partially inspected. At the time of the inspection, the site had been vacated for years and there was no power to the majority of the areas inspected. All exterior areas of the facility were visually inspected.

5.2 GENERAL SITE SETTING

This area of Brooklyn is highly developed and urbanized and historically has been light industry. The surrounding areas are improved with commercial office space, warehouses, apartment complexes, factories and light manufacturing.

5.3 EXTERIOR/INTERIOR OBSERVATIONS

There are several buildings on the site and generally the exterior construction is brick and concrete masonry unit block, concrete ceilings and floors in interior areas. The site was used primarily for refining sugar. Some areas of the Subject Property were used as research and development. Construction in those locations is sheetrock interior finishes and suspended acoustical ceiling tile systems.

6.0 INTERVIEWS

Emteque LLC inquired as to the availability of previous owners, operators, and occupants of the property likely to have information regarding the potential for contamination at the property for interview. To the extent that such persons could be identified, relevant environmental information is summarized below.

6.1 INTERVIEWS WITH OWNER

The representative of the current owner of the Subject Property is:

Ms. Susan Pollack
Senior Vice President
CPC Resources, Inc.
28 East 28th Street
New York, NY 10016
212-869-5300 x554
Spollock@communityp.com

Ms. Pollack has been working with various developers on this property since 2004.

6.2 INTERVIEWS WITH OCCUPANTS

Emteque LLC did not interview any occupants.

6.3 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

No interviews with governmental officials were conducted. However, requests for information were submitted to the following governmental agencies under the Freedom of Information Act:

- | | |
|---|---|
| 1. US Environmental Protection Agency
Region 2
290 Broadway
New York, NY 10007-1866 | 4. NYS Department of Environmental Conservation
FOIL Office
47-40 21 st Street
Long Island City, NY 11101 |
| 2. Building Records
Fire Department, City of New York
9 Metro Tech Center
Brooklyn, NY 11201 | 5. NYC Department of Environmental Protection
FOIL Office
59-17 Junction Boulevard, 19 th Floor
Corona, NY 11368-5107 |
| 3. New York City Department of Health
FOIL Office
125 Worth Street, Room 604, Box #31
New York, NY 10013 | |

Responses to some of these requests are still pending. Upon receipt, any information obtained will be reviewed by Emteque LLC and, if conclusions within this report are affected, an addendum will be issued.

7.0 FINDINGS

A Phase I ESA for the Subject Property, consistent with ASTM Standard 1527-05 has been completed by Emteque LLC. The Phase I ESA was based on a site inspection, interviews with personnel familiar with the site, a review of available files and historical records, and the findings of an environmental database report. The purpose of the Phase I ESA was to identify potential RECs at the Subject Property at the request of Two Trees Management, LLC, as part of their own due diligence.

7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

Emteque LLC has identified several on-site and off-site REC's that might impact the Subject Property. On site RECs will not preclude conventional redevelopment of the subject property. Most off site RECs are currently governed by various regulatory authorities in terms of recordkeeping and regulatory compliance.

Based on the data obtained during our review of previous environmental investigations, the regulatory and records review, the site inspection, and interviews with persons familiar with the Subject Property and its history, Emteque LLC has identified the following RECs that might potentially impact the Subject Property. It should be noted that, with the exception of REC #12 – Historic/Urban Fill, prior and current sampling of environmental media at the site do not indicate that the identified RECs are currently affecting the soil and groundwater of the Site.

REC #1 – Stained soils / stressed vegetation

Our site reconnaissance and our review of past environmental investigations revealed areas of surface soil staining in the general area of the underground storage tanks. Past soil sampling investigations did not focus on these areas of surface staining and therefore there is no analytical data available to characterize the soil in these areas.

Recommendation: During site redevelopment activities, soil borings and soil sampling should be conducted in these areas to more accurately determine their volume and chemical makeup prior to offsite disposal.

REC #2 – Discolored / spill areas

Multiple interior spaces of the Subject Property were noted to have petroleum products either pooled on the floor, leaking from machinery or splattered on the surrounding surface areas. These areas were generally noted in machinery and or production areas of the Subject Property. The concrete slab floors and walls in these areas appeared to be intact and therefore contamination of the underlying soils and groundwater through fractures in the concrete appears unlikely.

It is also noted that a molasses-like product was noted covering large areas of machinery and floors/walls in many of the production areas.

Recommendation: During site redevelopment activities, as a precursor to demolition of each structure, an industrial cleaning is recommended to clean, collect and dispose of the petroleum impacts prior to Subject Property demolition activities. Additionally, sampling of these cementitious materials may be required prior to reuse or disposal depending on their end uses (for instance, if the cementitious materials are to be disposed or considered for a beneficial reuse or recycling, many States and/or facilities may have specific sampling requirements prior to the acceptance of such materials).

REC #3 – Production Wells

The previous environmental reports indicate that cooling water was pumped from and to the East River. However, the actual conveyance process is unclear.

Recommendation: It is recommended that the conveyance process for the cooling water be identified. If the mechanism was a production well or similar conveyance system, it is recommended that these production systems be properly decommissioned during the redevelopment of the Site.

REC #4 – Universal Wastes

Universal wastes are a category of waste materials designated as "hazardous waste", but containing materials that are very common. It is defined in 40 CFR Part 273, by the United States Environmental Protection Agency (USEPA) but states may also have corollary regulations regarding these materials. Universal wastes include batteries, pesticides (packaged), mercury containing equipment (switches and lighting), etc.). These wastes are not considered a concern for impacting the surrounding soil and waters as they are generally contained.

Recommendation: An industrial cleaning/inventorying of universal wastes is recommended in conjunction with REC #2 to collect and dispose of universal waste items in accordance with applicable regulations. This should be performed during Subject Property redevelopment activities, as a precursor to the demolition of each structure .

REC #5 – Underground Storage Tanks (UST) and associated piping

Two 200,754-gallon No. 6 fuel oil USTs currently exist at the Subject Property. The two USTs, located in the "tank farm" are currently regulated by the New York State Department of Environmental Conservation (NYSDEC) as a Major Oil Storage Facility (MOSF). As part of the MOSF permit, the facility currently conducts monthly well gauging and annual ground monitoring from four wells. The groundwater monitoring data has not revealed the presence of any No. 6 oil in the groundwater surrounding the USTs nor does past environmental sampling indicate contamination related to the USTs in the samples collected.

Four additional former USTs (one 1,000-gallon gasoline, two 3,000-gallon diesel fuel, and one 1,500-gallon of unknown contents) were also used at the site. .No UST closure documentation has been provided for the USTs.

Recommendation: The two (2) 200,754-gallon USTs are 77' x 77' x 10'. Past environmental investigations of the USTs either collected soil samples several feet above or below the tank invert (estimated to be 10' bgs). As part of the redevelopment activities on this portion of the Subject Property, all USTs on site must be properly decommissioned; the tanks need to be cleaned, removed and properly disposed of in accordance with all applicable regulations. This includes post UST excavation soil sampling and laboratory analysis in accordance with NYSDEC requirements and regulations.

Additionally, any soil contamination related to the USTs must be reported to NYSDEC. UST related soil contamination must be removed and disposed of off Site. If UST related soil contamination is confirmed during tank decommissioning activities; the soil must be characterized (by sample collection and laboratory analysis) prior to off site disposal. The extent of the soil contamination must also be delineated through sample collection and analysis.

It is also understood that these tanks were filled via barge from the East River. These lines are considered part of the UST System and are therefore handled in the same manner as the UST itself as noted above. Post UST piping excavation soil sampling and analysis will be required at the time of decommissioning in accordance with NYSDEC requirements and regulations.

REC #6 – Aboveground Storage Tanks (AST) and associated piping

Several aboveground storage tanks (ASTs) were previously operated at the site, including one 274-gallon diesel fuel, two 275-gallon waste oil, and one 560-gallon sodium hydroxide tanks. These ASTs were located within secondary confinement and were since removed from the property. Additionally, there are multiple ASTs, storage silos and other aboveground product containment structures located at the facility.

Recommendation: An industrial cleaning / hazardous characterization is recommended to sample unknown tank contents, clean, collect and dispose of any petroleum and/or hazardous substances that may remain within these ASTs. Disposal of these products shall be in compliance with applicable regulations. It is generally anticipated that this work would be performed as a precursor to demolition or renovation activities.

REC #7 – Drum Storage

Several areas of varying size and construction material (plastic/metal) drums were noted throughout the Subject Property. Many of these drums were noted to have discharged to their surroundings as noted by

staining of the surrounding floors. Many of these drums are also stored without labeling throughout the Subject Property.

Recommendation: An industrial cleaning / hazardous characterization is recommended to sample unknown drum contents, clean, collect and dispose of any petroleum and/or hazardous substance that may remain within these drums in accordance with applicable regulations. As noted above, this work should be performed during Subject Property redevelopment activities, prior to any renovation/demolition activities where drums are present.

REC #8 - Chemical Storage

Several chemical storage cabinets (laboratory) and a room (Paint Shop) were identified during our reconnaissance. The contents of these cabinets and rooms are unknown.

It should also be noted that several full oxygen and acetylene 100lb compressed gas cylinders were noted in the compressed gas storage area beneath the main smoke stack.

Recommendation: A hazardous characterization is recommended to sample unknown chemicals prior to their disposal in accordance with applicable regulations. The oxygen and acetylene cylinders should also be handled, transported and disposed of in accordance with applicable regulations. This work should be performed during Subject Property redevelopment activities, prior to any renovation/demolition activities where such chemical storage is evident.

REC #9 – Below grade piping, trenches, sumps and pits

Several steel plate covered trenches and pits were noted throughout the facility. These are assumed to be for waste and or process conveyance. Previous reports indicate that these structures may have been used for the facilities sugar recycling system as well as the descaling operations.

Recommendation: These trenches and pits shall be visually inspected for contents. If petroleum and or hazardous substances are suspected, a hazardous characterization is recommended to sample unknown contents, clean, collect and dispose of any petroleum and/or hazardous substance area identified in accordance with applicable regulations. This work should be performed during Subject Property Redevelopment activities, prior to any renovation/demolition activities on portions of the site with such trenches and pits.

REC #10 – Storm water collection and conveyance systems

According to the previous environmental reports, stormwater was handled throughout the facility and discharged to the municipal stormwater system under a NYS permit.

Recommendation: No recommendations are suggested for this REC.

REC #11 – Boiler stacks

A large boiler “smoke” stack is present on the Subject Property. A considerable accumulation of ash and debris were noted within the base of the stack.

Recommendation: The contents, as well as the interior lining, of the stack should be sampled prior to demolition / disposal to characterize their chemical makeup prior to disposal.

REC #12 – Historic / Urban fill

Previous environmental investigations conducted at the site have identified soil and groundwater contamination attributed to previous filling of the site prior to its development.

Recommendations: Our review of the sample analytical data (including the two most recent annual groundwater monitoring reports) finds that the collected data for both soil and groundwater indicate that the presence of VOCs, SVOCs and metals are indicative of the historic / urban fill that was placed at the site to raise its topographic grade/elevation prior to its development in the mid 1800’s. The presence of these contaminants is considered a regional issue to this section of Brooklyn and is not considered related to Subject Property activities. Site redevelopment activities will require the regulated management of these soils. This management will include additional sampling of soil and groundwater to fully

characterize the site to aid in the development and implementation both engineering and institutional controls. Additionally, further characterization of the site soil will be required prior to its off-site disposal.

REC #13 – Neighboring Properties

Several of the neighboring properties were noted in the environmental databases reviewed for this assessment. There do not appear to be any on site impacts from these properties, yet they're listed as a concern since they appear in the research databases. If impacts are noted on site during redevelopment activities that appear to have an off site source; further investigation may be warranted.,

Other environmental issues have been noted, which by ASTM 1527-05 are considered "**non scope**" issues. However, these may be important to consider in the redevelopment of the site, and are summarized below.

7.1.1 Non-Scope Environmental Considerations

Asbestos-containing materials

Based on our field observations there has been removal of asbestos containing materials from buildings to the north and south of the refinery building as evidenced by the use of encapsulants on piping, ductwork, etc. as well as conversations with Ms. Susan Pollack. We are not aware of the scope of the abatement in these buildings. An inspection of the refinery building along with caution signs posted at the entrances to the facility and in some cases the presence of "Asbestos Free" labels on some piping; it is our opinion that the refinery building has not undergone any asbestos abatement. Suspect asbestos-containing materials were noted throughout the facility as well as the exterior of the refinery building and properties to the north and south in the form of window caulking/glazing and roofing materials and waterproofing coatings. In accordance with New York City and New York State asbestos regulations, abatement must be a precursor to planned renovations which may impact asbestos containing materials. The New York City Department of Buildings will require asbestos documentation prior to the issuance of any building permits.

It is recommended that the refinery building undergo a comprehensive asbestos survey as well as a confirmatory asbestos survey of the north and south parcels prior to renovation of this facility. The documentation of the presence/absence of asbestos containing materials will be a pre-requisite to filing the renovation/demolition plans with the NYC Department of Buildings prior to the issuance of any permits. In areas in which asbestos has been noted, asbestos abatement will be required and must be completed prior to the NYCDOB's issuance of new permits.

Lead-Based Paint

Based on the age of construction of the property lead based paint is assumed to exist. As such, contractors engaged in any site activities which might impact lead based paint must comply with the "Lead in Construction" Standard as established by the Occupational Safety and Health Administration (OSHA) under 29 CFR 1926.62. In accordance with federal requirements the waste stream must also be sampled for proper disposal. Lead paint issues must be addressed during demolition/renovation activities.

7.2 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

Historical recognized environmental conditions were reviewed and are discussed in Section 4.10 and in section 7.2.

7.3 DE MINIMIS CONDITIONS

REC's do not include *de minimis* conditions, defined as those that generally do not present a threat to human health or the environment and would not normally be the subject of a regulatory enforcement action.

8.0 CONCLUSIONS

Emteque LLC has identified several RECs (on site and off site) and other non-scope environmental issues that have been previously identified in some of the environmental documents reviewed. In addition to previously identified RECs, Emteque LLC has amended the list to include those conditions, which in our opinion, represent RECs. Based on the proposed development work and based on regulatory oversight, it is our opinion that the RECs, which exist on site, as well as the non scope environmental items, will be addressed in the ordinary course of construction in accordance with regulatory requirements. Off site REC are regulated by various governmental regulations and can be managed during the proposed development.

9.0 DEVIATIONS

No deviations from ASTM Standard Practice E1527-05 were noted for this Phase I ESA.

10.0 ADDITIONAL SERVICES

The scope of work for this Phase I ESA did not include evaluation of potential radon gas; however, information related to radon gas was provided in the EDR Report (Appendix C), and is therefore conveyed here. According to the EDR Report, the EPA classifies New York county as located in radon zone 3 (indoor average <2 picocuries per liter [pCi/L]). The scope of work for this ESA did not address other non-scope considerations, including, but not limited to:

- Wetlands protection;
- Regulatory compliance;
- Cultural and historic resources;
- Industrial hygiene;
- Health and safety;
- Ecological resources;
- Air quality;
- Biological agents;
- Flood hazards;
- Electromagnetic fields;
- Seismic hazards;
- Stormwater management or drainage;
- Structural engineering or integrity;
- Geotechnical engineering;
- Public safety; or
- Dam safety.

11.0 REFERENCES

11.1 DOCUMENTS

ASTM (ASTM International), 2005. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, E 1527-05*, West Conshohocken, Pennsylvania, November 2005.

(Coch et al) Coch, N. K., Weiss, D., *Environmental Geology and Geological Development of the Lower Hudson Estuary and New York Harbor*, American Geophysical Union, 1989.

EDR (Environmental Data Resources, Inc.), *Radius Map Report with Geocheck, 22 Grand Street*, dated July 18, 2012.

EDR (Environmental Data Resources, Inc.), *EDR Sanborn® Map Report, 22 Grand Street*, dated July 23, 2012.

EDR (Environmental Data Resources, Inc.), *EDR City Directory Abstract, 22 Grand Street*, dated July 18, 2012.

EDR (Environmental Data Resources, Inc.), *EDR Environmental Lien Search Report, 22 Grand Street*, dated July 23, 2012.

EDR (Environmental Data Resources, Inc.), *EDR Aerial Photo Decade Package, 22 Grand Street*, dated July 18, 2012.

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EDR (Environmental Data Resources, Inc.), *EDR Tax Map Report, 22 Grand Street*, dated July 18, 2012.

NYSDEC (New York State Department of Environmental Conservation), *Environmental Conservation Rules and Regulations*, March 1, 2007. <http://www.dec.state.ny.us/website/regs/>

New York Soil and Water Conservation District and Natural Resources Conservation Services, *New York City Reconnaissance Soil Survey, March 1, 2007* http://www.nycswcd.net/soil_survey.cfm

(Perlmutter and Arnow) Perlmutter, N. M., Arnow, T., 1953. *Groundwater in Bronx, New York, And Richmond Counties with Summary Data on Kings and Queens Counties New York City, New York*, New York State Department of Environmental Conservation (NYSDEC).

USGS (United States Geological Survey), 1995. 7.5-Minute Quadrangle Series, Central Park, NY, 1995.

11.2 PERSONAL COMMUNICATIONS

1. Ms. Susan Pollack
Senior Vice President
CPC Resources, Inc.
28 East 28th Street
New York, NY 10016
212.869.5300, x554
Spollock@communityp.com

12.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The environmental professionals whose signatures are provided below performed and reviewed this environmental site assessment.

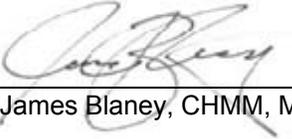
We declare that, to the best of our knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

PREPARED BY:



Eric Telemaque, Principal

REVIEWED BY:



James Blaney, CHMM, MS

DATE:

August 16, 2012

13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Appendix A contains supporting documentation of the qualifications of the environmental professionals who performed and reviewed this environmental site assessment.

APPENDIX A

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

**EDUCATION**

M.S., Marine Biology, State University of New York at Stony Brook (2 years in program)
B.S. Biology/Biochemistry, McGill University, Montreal, Canada

REGISTRATIONS/CERTIFICATIONS

- NYCDEP Asbestos Investigator
- NYSDOL Asbestos Inspector
- 40-hour OSHA Hazwoper Certificate
- Underground Storage Tank Certificate
- Confined Space Entry Certificate
- NITON XRF Spectrum Analyzer Certified

PROFESSIONAL SUMMARY

Mr. Telemaque manages the technical aspect of the firm including project assignments, and project management through issuance of the final work product. As a principal in the firm, he also manages critical projects. On the administration side, Mr. Telemaque provides marketing services and accounting services.

Mr. Telemaque was the founder of EMTEQUE, which was established in 1994, and has been involved with environmental consulting services to the metropolitan real estate market. He had grown the firm from a two (2) person operation to a staff of 30, whose 2008 revenue approached \$6 million dollars. Since 2006, he has been extremely successful in developing the federal client market and in the last 2 years has successfully executed millions of dollars of federal projects most of which have been repeat customers.

More recently EMTEQUE Corporation has merged with WCD Consultants to form Emteque LLC. He is currently the President and Principal of Emteque and is primarily responsible for business development for the new entity.

Prior to his involvement with EMTEQUE, he functioned in the capacity of the branch manager for the New York office of a national environmental consulting firm considered to have developed the asbestos market. In his position as New York manager, he actively managed a staff of 10 project managers and 60 environmental field technicians. Subsequent to this position, he was an account executive with a national environmental consulting firm and managed a multi-million dollar client portfolio. At EMTEQUE, Mr. Telemaque is involved with and responsible for all technical aspects of the management of the firm, and he has successfully developed the firm from an organization focused on asbestos consulting to a firm which provides environmental consulting services as the market changes. He has positioned EMTEQUE as an environmental construction manager capable of providing turnkey services from investigations through construction management.

Federal Sector Clients/Construction Management Services

With regards to EMTEQUE's federal sector work he has managed the execution of more than \$10 million dollars of construction and environmental work with such agencies as the Department of the Navy, the Department of the Army, the General Services Administration, and the NY Air National Guard. All of this work has been sole source negotiated contracts with these federal agencies through our 8(a) certification. In this role, he functions as project executive/construction manager and is responsible for the preparation of detail scope of work documents in the response to the proposal phase, he obtains subcontracting pricing and clarifications, works with the administrative staff in the preparation of proposals, negotiations with the client and the manages the execution of the work through a senior staff of project managers. He has been responsible for all of the work which EMTEQUE Corporation has managed through federal clients.



PROFESSIONAL EXPERIENCE

Engineering/Construction Services

United States Army Reserve (77th Readiness Command) – As principal of EMTEQUE Corporation has managed \$7 Millions dollars of construction/environmental work with the 77th Reserve under sole source award task order driven contracts. He has worked closely his administrative assistant and the field project managers in the preparation of scope of work document, proposal preparation, the execution of the work and close out documentation. Successful in the management of more than 40 task order construction contracts. Pending projects which are currently under sole source negotiation include a high voltage project with the Orangeburg USARC facility, and paving projects at the USARC facility in Utica and Schenectady, NY. Since 2006, EMTEQUE Corporation has executed \$millions of dollars worth of construction projects with the USARC.

Department of the Navy, Submarine Base, New London, CT – Project Executive responsible for construction management services EMTEQUE Corporation provides on its Basic Purchase Agreement (\$ 1 million), the McJOC Contract (\$3.5 million) and interior renovation activities being performed at the Marines facility located at Garden City, to date this work has approached \$400,000. Recently completed projects include a \$250,000 concrete repair project at the US Merchant Marine Academy, one of the first construction projects to be managed by NAVFAC for the USMMA. In August 2009, EMTEQUE Corporation has undertaken a \$300,000 renovation project at the Garden City Marines facility which includes general construction, site work and the decontamination of the former firing range in the basement of the facility. Additional work at the USMMA included \$600,000 of roof replacement projects at Melville Hall and Bland Library along with an HVAC system replacement for Bland Library. Recently completed work at the US Marines facility in Garden City have included a \$150,000 facilities upgrade project to parking lot lighting, concrete work in the parking area and perimeter fencing.

General Services Administration (GSA, Region 2) – Project Executive responsible for initial presentations to the GSA for sole source 8(a) services. In the past three months, EMTEQUE Corporation has proposed on more than a dozen projects for the GSA, secured and executed five (5) projects with five (5) additional projects approved and waiting for scheduling. This work has included interior renovations including carpeting, painting, door installations and security systems, masonry work on plazas, exterior painting, and pending microbial remediation and asbestos abatement projects both the New York and New Jersey. Much of this work has been performed in judges' chambers and in courtrooms and often involves restoration work.

Great Neck Union Free School District, Great Neck, NY – Project Executive for all engineering programs executed for the District which have included the design and oversight of five (5) roof replacement projects, the installation of a handicap bathroom, exterior renovation work, the installation of gymnasium exhaust fans, the rehabilitation of masonry stairs, emergency generator installation, and site work (redevelopment of property for school parking (2 locations).

Matoc Air National Guard, Westhampton ANG and Stewart ANG – Project Executive responsible for the management of a \$20 million dollar, five (5) year Matoc contract with the Air National Guard. Work performed under this contract has included he sole source negotiated awards for the installation of security gates.

Industrial Hygiene Services - Part of EMTEQUE's core business has been providing industrial hygiene services in response to occupant complaints regarding various types of environmental contaminants. Mr. Telemaque has developed sampling protocols for a wide variety of programs to address clients' needs. Some of the larger projects are documented below.

130 Liberty Street – Performed contractor OSHA compliance air sampling for the contractor engaged in the dismantling of 130 Liberty Street. Established methodologies and protocols for the sampling of

environmental contaminants included Dioxins, PCBs, PAH's lead, asbestos metals, respirable silica dust and others. Concluded this three (3) month effort with the compilation of final reports for LMDC review.

September 2001 – September 2002: - Ground Zero, NYC, NY – EMTEQUE Corporation was one of several consultants who assisted clients in lower Manhattan with issues relating to environmental contaminants, including asbestos, at Ground Zero. Clients supported included, American Express, ScotiaBank, Goldman Sachs, Barclays Capital, and The New York City Housing Authority. Managed EMTEQUE's staff in the sampling for environmental contaminants, the interpretation of results and the issuance of reports. Also supported the High School of Economics and Finance in a decision not to re-occupy the facility until further cleaning had been performed by the Board of Education.

Bergen Town Center, Paramus, NJ – EMTEQUE Corporation has been providing Industrial Hygiene consulting services to the Bergen Town Center during a significant renovation of this active Mall. These services have included airborne sampling for VOCs, WEPA Method TO-16, microbial air sampling, and daily sampling for VOCs, Respirable Particulates, and Carbon Monoxide. EMTEQUE Corporation has been providing these services for the past 3 months.

Holland House (Legionella), NYC, NY – In response to confirmed cases of Legionnaires' disease, EMTEQUE Corporation was tasked with developing a system to eliminate the Legionella organisms in this 307 room SOR. This work involved the design of a decontamination system, interactions with the New York City Department of Health and Mental Hygiene and the installation and subsequent testing of the system which was found to be affected.

Subsurface Experience

384 Bridge Street, NYC, NY – Executed a Phase I and Phase II subsurface investigation, prepared Construction Health and Safety Plans and Remedial Action Plans for NYCDEP approval, executed those plans which included the removal of seven (7) underground storage tanks and contaminated soils in advance of the construction of a \$200 Million dollar residential high-rise Structure. Work has also included the design of a subslab depressurization system and a soil vapor intrusion study.

150 West 83rd Street, NYC, NY – Project manager responsible for the execution of a contaminated soil program at the above reference parking garage. Responsible for the removal of 1,000 cubic yards of contaminated soils, 8,000 gallons of free product, installation of temporary monitoring wells, the application of Regenox ®, and the installation of backfill materials and site grading.

September 2007 – January 2008: 651-661 New York Avenue, Brooklyn, NY – EMTEQUE Corporation has been retained to provide for the complete clean up of a former gasoline station at this site. Work involved the preparation of a NYSDEC approved work plan for a subsurface investigation, obtaining a NYCDOB permit to remove seven (7) USTs, the removal of contaminated soils, the removal of car lifts and associated hydraulic oil tanks, limited demolition, the backfilling of the site and spill closure with NYSDEC. This project was a \$175,000 project completed in less than 6 weeks. Additional sampling requested by NYSDEC recently performed and spill closed within one (1) day of receipt of results and petitions for spill closure.

September 2007 – January 2008: 770 11th Avenue, NYC, NY – Prepared Health and Safety Plans and subsurface investigations plans for NYCDEP review and approval for the soils excavation work performed at the above referenced site which occupies 75% of a NYC city block bounded by 45th and 53rd Street. Reported spills and the discovery of USTs buried on the site. Managed the excavation of contaminated soils, the recovery of free product and the removal and proper disposal of USTs as well as spill closure with NYSDEC.

April 2006 – July 2007: 501 Tenth Avenue, NYC, NY (DHL Express USA, Inc.) – Prepared Construction Health and Safety Plans and Remediation Action plans for the removal of 38

underground storage tanks, the removal of 7,000 cubic yards of petroleum impacted soils, the backfilling of the site, the recapture of 25,000 gallons of petroleum product, the installation of groundwater monitoring wells, the supervision of the development and sampling of the wells, and the installation of a sub-slab depressurization system. Work performed under direction from the New York State DEC, the New York City Department of Environmental Protection and the Port Authority of NY & NJ. Work also involved industrial hygiene service in the building involving the sampling for airborne asbestos, lead, nuisance dust and respirable silica.

August 2006 – January 2007: 100 West 18th Street (GB Development) – Performed soils sampling in order to document subsurface contamination, reported spill to NYSDEC, prepare construction health and safety plans and remediation action plans. Monitored the removal of contaminated soils and implementation of the CHASP, and RAP. Working with NYSDEC for spill closure.

March 2005 – December 2005: 137 Wooster Street LLC – managed the remediation of contaminated soils from the property at 137 Wooster Street. Prepared Construction Health and Safety Plans along with remedial action plans for NYCDEP approval. Executed the clean up in accordance with approved NYCDEP plans. Prepared final closure reports for NYSDEC approval.

June 2007 – October 2007: Douglaston Development Corporation – implemented a Phase II subsurface site investigations to determine the extent of petroleum contamination to the site, negotiation spill clean up with New York State Department of Environmental Conservation. Prepare and execute NYSDEC approved Construction Health and Safety Plans and Remediation Action Plans. Managed the removal of petroleum contaminated soils and prepared final closure reports.

Summer of 2006: Friend's Seminary, 222 East 16th Street – responded to a school evacuation as a result of solvents rendered airborne as a result of subsurface excavation activities for new construction at the school, provide for air sampling for volatile organic and semi-volatile organic compounds and performed subsequent groundwater sample. Provided interface with the NYSDEC, NYCDEP and the Office of Emergency Management.

March 2006 – April 2006: Greenpoint Monitor Museum, Brooklyn, NY – project manager responsible for the execution of a subsurface investigation at the site of the Greenpoint Monitor Museum on the riverfront in Brooklyn, NY. Work involved subsurface borings using Geoprobe® technology across the site and the collection of soils for VOC, SVOC and metals analysis.

October 2008 – November 2008: 822 Lexington Avenue, Brooklyn, NY – Project Executive responsible for the management of the removal of a 10,000 gallon heating oil tank, the management of a spill at the site with the New York State DEC, soil characterization, spill delineation and the management of the removal and proper disposal of 1,600 tons of petroleum contaminated soil. Spill closure obtained two (2) weeks after the completion of the site work.

Asbestos

220 Central Park South and 221 West 58th Street, NYC, NY – EMTEQUE Corporation under contract to Vornado Development has provided for a comprehensive asbestos and lead based paint survey for the two (2) tower residential structure at Central Park South, prepared contract specifications and drawings for abatement, provided bidding period services and is currently providing third party air monitoring oversight with a field staff of four (4) for a three (3) month period.

September 2006 – September 2011: Department of Veteran Affairs Samuel Stratton VA Medical Center, Albany, NY – Project Executive responsible for the successfully bidding of a five (5) year asbestos consulting contract at this VA facility. For the past three years we have been providing task order consulting services at this facility. As a result of recovery funds, EMTEQUE Corporation anticipates revenue in excess of \$250,000 in the last year of our contract.

November 2004 – July 2006: Metrotech 1 LLC – Project manager for the complete asbestos survey, preparation of design documents and abatement oversight for 27 floors of commercial office property at 101 Willoughby Street currently scheduled for conversion to condominium. Project manager responsible for the execution of a million dollar abatement program which included the removal of accessible and inaccessible asbestos containing materials from this facility over an 8-month period.

January 2001 – June 2001: 919 Third Avenue, NYC – Account executive for the preparation of specifications and drawings, the mediation of contractor walkthrough, negotiations with contractors and the oversight of the interior demolition and asbestos abatement of 800,000 square feet of sprayed-on fireproofing and commercial office space in New York, NY.

November, 2007: 157 Chambers Street, NYC, NY – responsible for the management of an abatement program in this 15-story building undergoing a conversion from commercial to residential. Work involved the removal of all accessible ACM materials inside and outside the facility. EMTEQUE also assisted this client in a hazardous materials spill, the subsequent clean up and spill closure with the New York State Department of Environmental Conservation.

June, 1999 – December 2003: New York Coliseum, NY – Account executive for the preparation of plans and specifications for environmental remediation (asbestos abatement, underground storage tanks and chemical wastes) and the demolition of the above referenced site. Provided regulatory interface with governing agencies which resulted in obtaining significant deviation from normal work practices. Provided management of the execution of each component of Environmental Remediation through site safety during the demolition of the building structure.

January, 2007: 330 Hudson Street, NYC, NY – Managed and executed a Phase I ESA inspection at the site, a lead based paint inspection and asbestos survey of the property. Prepared project specifications for the removal of asbestos-containing materials from the site prior to a large renovation and redevelopment of the property. Provide management services during third party air monitoring as required by NYS and NYCDEP requirements.

Times Square Tower – With the recent redevelopment of the Time Square area, Mr. Telemaque has been involved in several projects both with Forest City Ratner Companies and Boston Properties, Inc. Mr. Telemaque has been involved in the preparation of numerous environmental remediation programs for this area and is currently design and out to bid on the development of the Time Square Tower site which includes the environmental remediation of three office buildings on this site which are scheduled for demolition. Environmental remediation will include asbestos, USTs, lead based paints, and PCBs.

January, 2001 – January 2007: Reckson Associates – Mr. Telemaque is the account executive responsible for the management of all of the asbestos consulting services provided to Reckson Associates for each of their four commercial office facilities in Manhattan to dozens of industrial properties located in New Jersey and in Long Island as well as the pending redevelopment of the Pilgrim State Psychiatric Center which is located on Long Island. EMTEQUE performed the asbestos inspections of more than 60 properties for Reckson Associates and was successful in aiding Reckson on the bidding for the redevelopment of the site.

October 1997 – December 2006: - Trizec Properties, Inc. – Account executive for the management of all environmental consulting services for this large real estate Owner located in the New York area with approximately 6 commercial office facilities in the portfolio. Environmental consulting services included indoor air quality investigations and water quality sampling. Mr. Telemaque has been the account executive for this client and this real estate portfolio since 1987.

October 1997 – On-going: Vornado Real Estate Trust – Responsible for the preparation of plans and specification for significant environmental remediation programs for large shopping centers including, Alexander's Rego Park, Alexander's Paramus, Kings Plaza Mall, and Alexander's 59th Street. We recently performed a comprehensive asbestos survey of the Bergen Mall property which is currently



undergoing a substantial renovation to the property including the demolition of some of the structures on the site and additions to the main mall structure. EMTEQUE Corporation is currently providing asbestos consulting services at the Hotel Pennsylvania and the anticipated demolition of structure, tentatively scheduled for February, 2008.

March 1994 – On-going: Great Neck Union Free School District – Project Executive for environmental programs for School District with 40 facilities during the past ten (13) years and has managed more than 75 asbestos abatement projects which employed the most stringent clearance criteria in the country. Also management microbial air surveys for the District along with subsurface investigations and water sampling programs. Provided for engineering designs as they relate to roof installation, site work, exterior façade work, construction of handicap bathrooms and the installation of gymnasium exhaust fans.

June 2004 – On-going: SL Green – Account Executive, responsible for the management of environmental issues for this large New York based property management firm. Work has included microbiological air surveys, industrial hygiene surveys, asbestos surveys, environmental due diligence work (Phase I and Phase II subsurface investigations), lease negotiations for Bio-safety level II hazards, and lead based paint inspections.

Environmental Due Diligence/Other

On-going: Various sites - Performed Phase I Environmental Site Assessments at 20 East 46th Street, Larchmont, 240 East 27th Street, Constitution North Hoboken, 30-32 West 19th Street, 143 Reade Street, 63 West 35th Street, 150 Spring Street, 17 East 47th Street, 12 Warren Street, One Times Square, Two Times Square, Grand and Thompson Street, Dock Street & Dumbo, Brooklyn, NY, 166 Beard Street, Brooklyn, NY, 625 Fulton Street Brooklyn, NY, 410 7th Avenue, NYC, NY, 601 West 26th Street, 518 East 81st Street, 80 Wythe Street, 384 Bridge Street, 130 Atlantic Avenue, 601 West 26th Street, The Brooklyn Botanical Gardens, 180 Orchard Street, NYC, NY, etc, just to name a few.



JIM BLANEY, CHMM, M.S.

Professional Background

Jim Blaney has over 12 years of diversified technical and regulatory experience in coordinating/overseeing innovative treatment technologies, industrial and hazardous waste site investigations, environmental assessment and compliance audits, remediation pursuant to New Jersey's ISRA, voluntary clean-up and underground storage tank programs and federal and state Superfund and Brownfields Programs. He has performed and coordinated all types of environmental sampling and analytical activities in accordance with stringent USEPA and state guidelines. His principal responsibilities encompass project coordination, contractor management, client liaison and regulatory reporting. He has particularly focused on the remediation of Brownfields projects.

Professional Experience

Project Manager WCD Consultants

7/2009 – Present

Environmental and remediation construction project manager responsible for managing environmental remediation projects in commercial, industrial, residential and institutional properties. Responsible for the complete management of all phases of an environmental remediation or restoration project, including investigations, engineering, regulatory interface, plan development, estimating, scheduling and project execution. Mr. Blaney's experience includes complex sites with strict regulatory oversight.

Assistant Project Manager Langan Engineering and Environmental Services

2003 – 6/2009

Responsible for project coordination and oversight, Mr. Blaney worked on numerous pre-acquisition and presale projects for major retail and supermarket facilities, developers, state and local agencies and housing authorities which included completion of Preliminary Assessment, Site/Remedial Investigation and Remedial Action activities under various NJDEP, PADEP, and NYSDEC programs.

Key Projects:

- Columbia University, Manhattanville, New York, New York
- Harrison River Bend District Redevelopment
- Newark Downtown Core Redevelopment (Newark, NJ)
- Prudential Center (Newark, NJ)

Senior Environmental Health Specialist Bergen County Department of Health Services

1999 - 2003

Bergen County Underground Storage Tank (UST) Pilot Program

Project Manager for Bergen County's pilot UST Program. Responsible for regulatory review of homeowner UST remedial activities: including remedial oversight and remedial Action reviews with regard to tank abandonment/closure actions. Served as Bergen County liaison to NJDEP Bureau of Underground Storage Tanks.

Bergen County Clean Communities Program

Co-coordinator of county program responsible for distribution of State Clean Community funds provided to support not for profit county cleanups. Also provided direct oversight of Bergen County Sheriff's department clean ups.



Professional Experience (cont.)

Bergen County Hazardous Materials Emergency Response Team

Responsibilities included county-wide emergency response and incident command of hazardous incidents.

Environmental Health Specialist Passaic County Health Department

1997 - 1999

Responsibilities included Hazardous Materials Emergency Response as part of the Passaic County Hazardous Materials Incident Response Team. Mr. Blaney also performed regulatory compliance inspections for NJDEP permitted facilities throughout the county.

Education

M.S. Environmental Policy Studies, New Jersey Institute of Technology, 2005

B.A. Environmental Studies, Ramapo College of New Jersey, 1994

Professional Registrations

NJDEP Licensed Subsurface Evaluator

Certified Hazardous Materials Manager (CHMM)

Training & Certifications

40-hour OSHA Hazardous Waste Training (HAZWOPER)

Hazardous Materials Incident Response Awareness and Operations

80-hour Hazardous Materials Technician Level 3

Domestic Preparedness Hazardous Materials Technician

USDJ CDP Chemical Ordnance Biological Radiological

On-Scene Incident Commander

NJ Enhanced Radiological Response

Air Monitoring for Hazardous Materials

APPENDIX B

PHOTOGRAPHS



EMTEQUE LLC

A WCD Group Company

Emteque LLC
1350 Broadway, Suite 1901
New York, NY 10018
Phone: 212.631.9000
Fax: 212.631.8066
www.emteque.com

Client:

Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Administrative Offices
Research

Project No.:

12-5741

Page No.:

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EMTEQUE LLC
A WCD Group Company

Emteque LLC
1350 Broadway, Suite 1901
New York, NY 10018
Phone: 212.631.9000
Fax: 212.631.8066
www.emteque.com

Client:

Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Sugar

Project No.:

12-5741

Page No:

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EMTEQUE LLC

A WCD Group Company

Emteque LLC

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www.emteque.com

Client:

Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Refinery Building

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Site Looking West

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Tank Farm Area

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Tank Farm Area &
Research Buildings.

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Site along East River
looking South

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Site

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Site looking g North
along East River

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Subject Site Refinery Building

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Domino Sugar Site Facing North
on Kent Avenue

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

NYC DOT Carpenter's Shop
South of Domino

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Southern end of Domino

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Properties East of Domino Site

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Commercial operation East of
Domino, Williamsburg Bridge
South of Domino

Project No.:

12-5741

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Two Trees

45 Main Street

Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery

22 Grand Street

Brooklyn, NY 11249

Location:

N/A

Description:

Former Refinery Parking Lot for
Domino East of Subject Site

Project No.:

12-5741

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Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Radiac Site East of Subject Site
259 Kent Ave

Project No.:

12-5741

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Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Warehouses, Dance Studio East
of Domino Site

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Monitoring Well, Domino
Tank Farm

Project No.:

12-5741

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Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Warehouse Facilities East of
Domino Site

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Kent Street Looking South

Project No.:

12-5741

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Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Radiac Site East of Domino Site

Project No.:

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Evidence of Asbestos Abatement
on North end of Domino

Project No.:

12-5741

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Project Location:

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22 Grand Street
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Location:

N/A

Description:

North end of Domino Site

Project No.:

12-5741

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Project Location:

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22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Properties to North & West of Site

Project No.:

12-5741

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Project Location:

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22 Grand Street
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Location:

N/A

Description:

Northern end of Domino Site

Project No.:

12-5741

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Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

NYP&A Gas Plant North of Site

Project No.:

12-5741

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Brooklyn, NY 11201

Project Location:

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22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Drums of stored materials RECs

Project No.:

12-5741

Page No.:

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

On Site Groundwater
Monitoring Well

Project No.:

12-5741

Page No.:

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Suspect ACM Transite Panels
Loading Dock

Project No.:

12-5741

Page No.:

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

REC electrical equipment with
associated oil/hydraulic fluids

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Power house & Refinery Building

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Manway on Truck Scale

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Suspect ACM transite pipe

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Concrete pads on top of two (2)
200,000 gallon fuel tanks

Project No.:

12-5741

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Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Suspect REC
secondary containment

Project No.:

12-5741

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Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

Floor of Pump Room

Description:

REC Spilled lubricants

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

REC Monitoring well

Project No.:

12-5741

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45 Main Street
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Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Suspect ACM transite panels

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Paint storage - no access

Project No.:

12-5741

Page No.:

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Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

REC - Oxygen Cylinders

Project No.:

12-5741

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Project Location:

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22 Grand Street
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Location:

N/A

Description:

REC - Waste Drum

Project No.:

12-5741

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45 Main Street
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Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

Basement of Refinery

Description:

Stored maintenance supplies

Project No.:

12-5741

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Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

Basement of Refinery

Description:

Fluorescent bulbs , maintenance
supplies

Project No.:

12-5741

Page No.:

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Project Location:

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22 Grand Street
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Location:

N/A

Description:

Suspect lead-based paint

Project No.:

12-5741

Page No.:

45



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45 Main Street
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Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Suspect ACM roofing & bulkhead
waterproofing

Project No.:

12-5741

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Project Location:

Domino Sugar Refinery
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Location:

N/A

Description:

Stored oils in oil storage room

Project No.:

12-5741

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Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

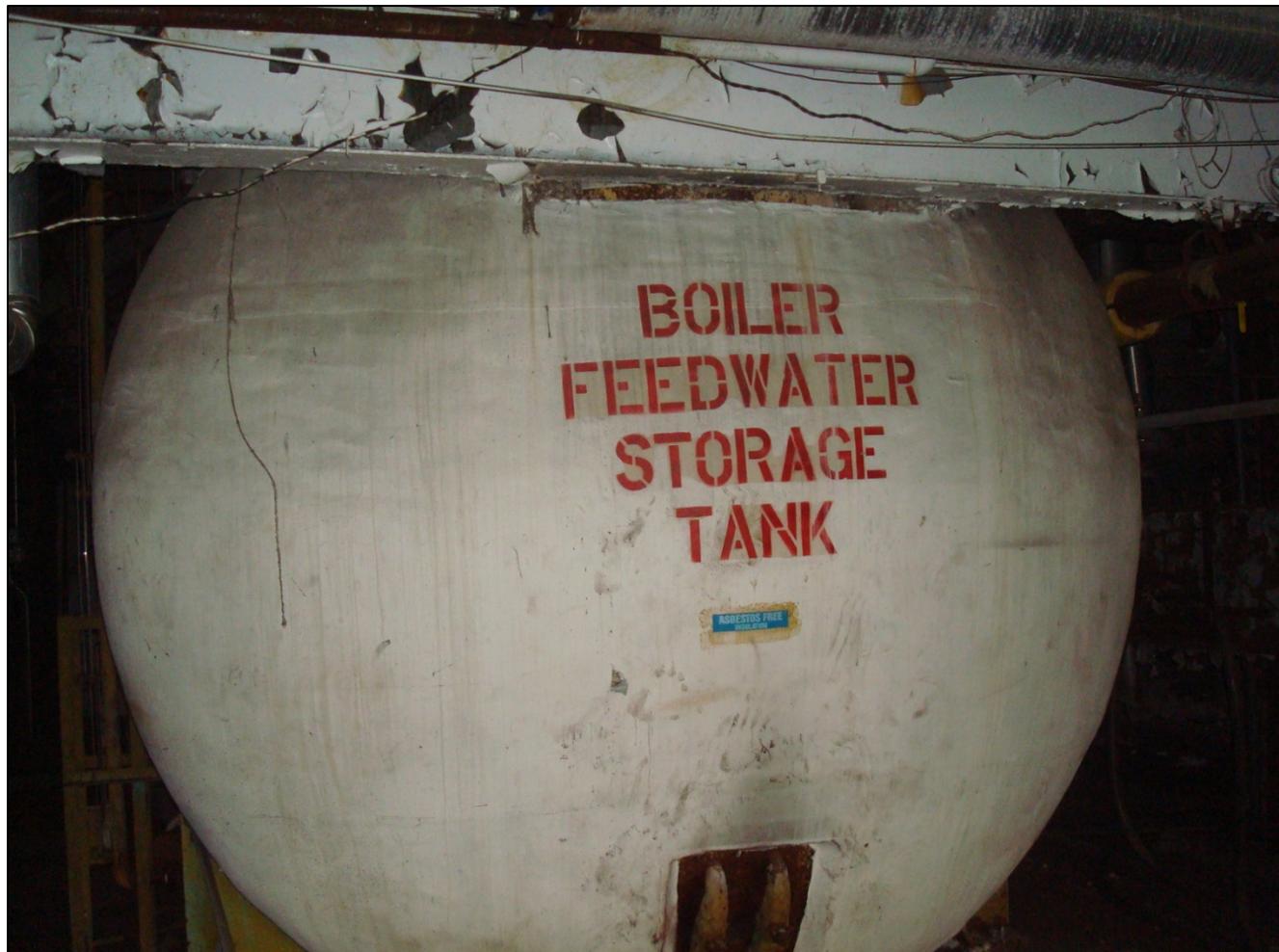
Suspect ACM tank insulation

Project No.:

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Project Location:

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Location:

N/A

Description:

Suspect ACM flue insulation

Project No.:

12-5741

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Project Location:

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22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Chemical storage cabinet

Project No.:

12-5741

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Project Location:

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22 Grand Street
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Location:

N/A

Description:

Suspect ACM boiler materials

Project No.:

12-5741

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Project Location:

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Location:

N/A

Description:

Suspect ACM caulking & glazing
materials

Project No.:

12-5741

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Project Location:

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22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Suspect ACM roofing

Project No.:

12-5741

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Client:

Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

N/A

Description:

Suspect ACM roofing

Project No.:

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

Roof of Refinery

Description:

Suspect ACM Transite louvers

Project No.:

12-5741

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

Description:

Process tanks

Project No.:

12-5741

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Client:

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45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

Description:

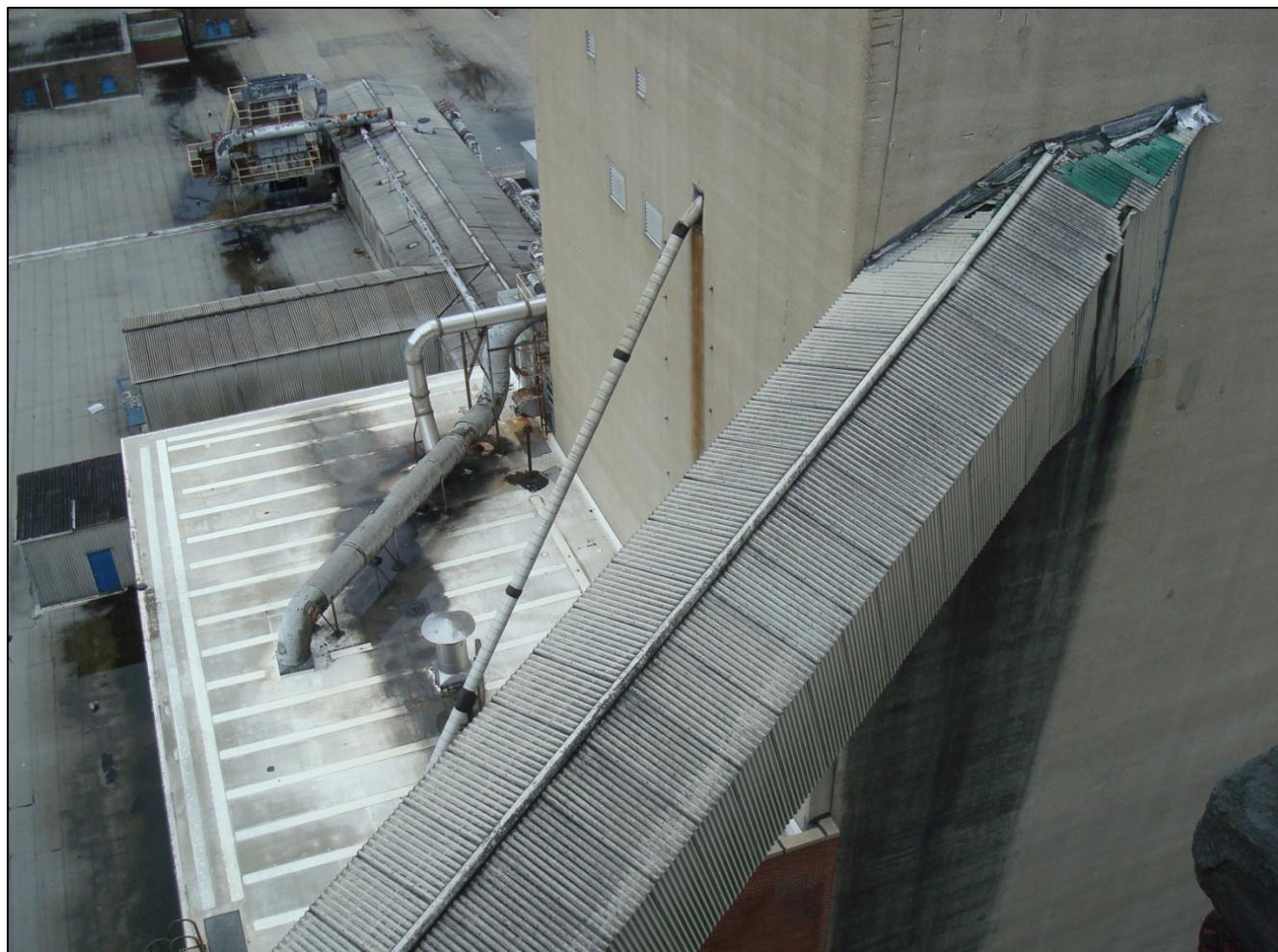
Suspect ACM transite sheds for conveyors

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Client:

Two Trees
45 Main Street
Brooklyn, NY 11201

Project Location:

Domino Sugar Refinery
22 Grand Street
Brooklyn, NY 11249

Location:

Description:

Transite panels on sorting
building room

Project No.:

12-5741

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ATTACHMENT G
Nova 2004 Phase II Report

**PHASE II ENVIRONMENTAL
SITE ASSESSMENT REPORT**

**264-366 KENT AVENUE
BROOKLYN, NEW YORK**

Prepared by:

**NOVA CONSULTING & ENGINEERING, LLC
266 JERICO TURNPIKE, SUITE LL2
FLORAL PARK, NEW YORK 11001**

JUNE 2004

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1. SITE PLAN, 264-366 Kent Avenue, Brooklyn, New York

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APPENDIX A - Sample/Core Logs

APPENDIX B - Laboratory Data Report

INTRODUCTION

Mr. William Kerbel of Environmental Health Investigations, Inc. (EHI) contracted NOVA Consulting & Engineering, LLC. (NOVA) to perform a Phase II Environmental Site Assessment (ESA) of the property located in Brooklyn, Kings County, New York (subject site). The subject site is located at 264-366 Kent Avenue, approximately two miles south of Metropolitan Avenue and one-quarter mile north of the Williamsburg Bridge. The location of the subject site is shown on Figure 1.

1.1 PURPOSE

The purpose of this Phase II ESA was to investigate recognized environmental conditions in connection with the subject site. This investigation encompassed the historic and existing underground petroleum based storage tanks and the historic truck wash area at the subject site.

1.2 DETAILED SCOPE OF SERVICES

The Phase II work was carried out from June 2, 2004 through June 18, 2004. The activities performed included, soil boring drilling, air monitoring, soil sampling and laboratory analyses, all of which are described in this report. Findings and conclusions are also provided.

Impact Environmental Consulting Inc. of Bohemia, New York (Driller) carried out the GPR survey, drilling and most of the soil sampling; laboratory analysis of soil samples was carried out by Eco-Test Laboratories of North Babylon, New York (Laboratory), a New York-certified laboratory. All field work was carried out under the supervision of NOVA personnel. NOVA personnel also carried out the air monitoring and field sampling

1.3 SPECIAL TERMS AND CONDITIONS

This assessment was performed as outlined in NOVA's proposal dated June 2, 2004 and is subject to the contractual terms referenced therein.

1.4 USER RELIANCE

This report may be relied upon by Mr. Kerbel and corporate affiliates only. Reliance on this document by any other party is not permitted without the express written consent of NOVA and that party's acceptance of mutually agreeable terms and conditions. Use of this report for purposes beyond those reasonably intended by Mr. Kerbel and NOVA will be at the sole risk of the user.

2.0 BACKGROUND

2.1 LOCATION AND LEGAL DESCRIPTION

The subject site is located at 264-366 Kent Avenue in Brooklyn, Kings County, New York. The subject site consists of an 11.5 acre parcel stretching approximately one-quarter mile along the East River between South Fifth Street and Grand Street, an office building and garage complex located at 49 South Second Street and two employee parking areas located between South Second and South Fourth Streets. Past operations including office, laboratory, manufacturing, warehousing, and shipping/receiving activities were housed in the 11.5 acre complex between the East River and Kent Avenue. The subject site buildings range from one to eleven-stories, and were reportedly constructed at various times from 1853 to 1960. The subject site is located approximately two miles south of Metropolitan Avenue and one-quarter mile north of the Williamsburg Bridge. The location of the subject site is shown on Figure 1.

2.2 CURRENT USE OF THE PROPERTY

Presently the subject site is owned and operated by Tate & Lyle North American Sugars Inc. Tate and Lyle operates a sugar refinery at the subject site. Products include granulated and powdered white sugar, brown sugar, specialized co-crystallized sugars, and liquid sugar. The subject site receives partially processed sugar liquor from their Baltimore facility by barge.

2.3 DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS

The subject site complex is divided into three main sections by South Third and South Second Streets, which traverse the subject site (but are not public through streets on the block between Kent Avenue and the East River). The northernmost section consists of office space, the central testing laboratory, two 200,754-gallon #6 fuel oil, underground storage tanks, and the former raw sugar warehouse and wash house. The central section houses the boilers and turbines used to generate site heat and electricity, as well as the primary manufacturing operations. The southern section of the subject site houses packaging and warehouse activities, as well as office space and a cafeteria. A tanker truck washing station is located along South Third Street between the central and southern sections of the subject site.

2.4 CURRENT USES OF THE ADJOINING PROPERTIES

The subject site is located in a mixed industrial, commercial, and residential area. Adjacent land use to the north, east and south of the subject site consists primarily of light industrial and commercial facilities including, Radiac Research, a treatment, storage and disposal facility for hazardous wastes, an Asian food packaging company, and a storage facility for the New York City Housing Authority. The East river borders the subject site to the west.

2.5 PHYSICAL SETTING

Based upon the USGS Brooklyn, New York 7.5-minute quadrangle, the subject site slopes to the west-northwest from an elevation of approximately 30 feet above mean sea level to about 10 feet above mean sea level at the river. Portions of the subject site and areas in the immediate vicinity are located within the 100-year and 500-year East River flood zones. No geotechnical reports were available for review.

3.0 INVESTIGATION METHODOLOGY

A shallow soil investigation was conducted on the subject site on June 9, 2004 in accordance with the June 2, 2004 proposal. The proposal outlined a scope of work for conducting an on-site field investigation. The activities consisted of soil boring drilling; field sampling and air monitoring. The methodologies for all field activities conducted during this Phase II ESA are discussed in the following sections. For clarity, each field activity is discussed in chronological order.

3.1 SOIL BORING INSTALLATION

Nine borings (B-1 through B-9) were drilled on June 9, 2004 at the subject site. These borings were advanced into the shallow glacial deposits using a Geoprobe subsurface sampling unit to total depths ranging from 8 to 16 ft below land surface (bls). The borings were located in the northernmost section and between the central and southern sections of the subject site. All drill cuttings were contained on location at the immediate area around each borehole. The cuttings were shoveled back into the open boreholes at the conclusion of the drilling program.

The locations of these borings are shown on Figure 1. A sample/core log was completed for each boring. Sample/Core Log forms are shown in Appendix A.

3.2 FIELD SAMPLING

Soil samples were collected during the soil boring installation program. The following section discusses the methodology of the sampling event.

3.2.1 SOIL QUALITY SAMPLING

During the soil boring installation program, each borehole was advanced in four foot intervals. Soil samples were secured by the Driller from each boring to a depth of between 4 to 16 feet bls. The locations of these borings are shown on Figure 1. Each sample was collected using a 2 1/2" diameter Flexan (plastic) tube and consisted of a non-disturbed micro core. Each soil sample was screened in the field with a photoionization detector (PID) for the presence or absence of total volatile organic compounds (VOCs). The soil sample

from each core that exhibited the highest concentration of total VOCs was retained for subsequent laboratory analysis. Generally, one composite soil sample was collected from the 2-4 foot sampling interval, and a second was collected from a depth approximately 2 feet above the water table.

The soil from the remaining cores was given to the driller for disposal. The selected soil samples for laboratory analysis were transferred to one 100-milliliter (mL) glass sample container and stored at 4 degrees C for submission to the Laboratory. The selected soil samples were analyzed for VOCs and semi-volatile organic compounds (SVOCs) using USEPA Test Method 8260 and 8270. PID readings for each soil sample are noted on the sample/core logs, which are shown in Appendix A.

4.0 HYDROGEOLOGY

NOVA personnel collected hydrogeologic data during the Soil Boring Installation Program. These data which included geologic and physical interpretation of subsurface soil samples were used in confirming the hydrogeology at the subject site. The following section provides a discussion and interpretation of these data.

During the soil boring installation program the depth to water ranged between 10 to 12 feet bls. Based upon the thin layer of unconsolidated glacial sands, clays and silts observed during soil sampling, NOVA characterizes the presence of the subsurface water as a perched zone at various areas of the subject site. NOVA did not install any monitoring wells on the subject property during the assessment. Therefore, actual ground-water gradients and flow direction can only be surmised based on local relief and known recharge areas. We expect ground-water flow direction to be from topographic highs to lows, locally from east to west toward the East River, which is located adjacent to the subject site.

5.0 SAMPLING RESULTS

5.1 SOIL SAMPLES

Soil boring B-1, (see Figure 1 for soil boring locations), which is located on the northern edge of the Fuel Tank Area, was drilled to a total depth of 12 feet bls. A soil sample from the 4-6 foot interval was sent to the laboratory for analyses. The results for the 4-6 foot interval indicate the presence of eighteen SVOCs with Fluoranthene having the highest concentration of 1800

ug/Kg. There were no VOCs detected in the 4-6 foot interval (See Tables 5-1 through 5-2 and Appendix B).

Soil boring B-3, located on the western edge of the Fuel Tank Area, was drilled to a total depth of 12 feet bls. A soil sample from the 2-4 foot interval was sent to the laboratory for analyses. The results for the 2-4 foot interval indicate the presence of seventeen SVOCs with Fluoranthene having the highest concentration of 1300 ug/Kg. There were no VOCs detected in the 2-4 foot interval.

Soil boring B-4 located on the southwestern edge of the Fuel Tank Area, was drilled to a total depth of 12 feet bls. A soil sample from the 2-4 foot interval was sent to the laboratory for analyses. The results for the 2-4 foot interval indicate the presence of thirteen VOCs with Naphthalene having the highest concentration of 9000 ug/Kg. The results for the 2-4 foot interval indicate the presence of sixteen SVOCs with Phenanthrene having the highest concentration of 160,000 ug/Kg.

Soil boring B-5, which is located on the southern edge of the Fuel Tank Area, was drilled to a total depth of 16 feet bls. A soil sample from the 2-4 foot interval was sent to the laboratory for analyses. There were no VOCs detected in the 2-4 foot interval. However, the results indicate the presence of nine SVOCs with Fluoranthene having the highest concentration of 140 ug/Kg.

Soil boring B-6, which is located near the western edge of the Truck Wash Area, was drilled to a total depth of 8 feet bls. A soil sample from the 4-6 foot interval was sent to the laboratory for analyses. There were no VOCs detected in the 4-6 foot interval. However the results indicate the presence of eight SVOCs with Fluoranthene having the highest concentration of 70 ug/Kg.

6.0 CONTAMINANT DISTRIBUTION

SOIL

SVOCs are the major site soils contaminant, with eight compounds (Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Fluoranthene, Phenanthrene and Pyrene) being the most predominant SVOC. Generally, SVOCs in the soils are at their greatest concentration in the Fuel Tank Area (shallow historic fill material). SVOCs were identified in boring B-4 at significant concentrations ranging between 1200 micrograms per kilogram (ug/Kg) and 160,000 ug/Kg.

VOCs were identified in only one soil boring sampled during the investigation program. VOCs (Benzene, Toluene, and Xylene compounds) were identified in boring B-4 at concentrations ranging between 16 and 230ug/Kg. The highest VOC concentration in boring B-4 was that of the compound Naphthalene (9000 ug/Kg).

7.0 DEVIATIONS

The only deviation made to the scope as outlined in NOVAs proposal dated June 2, 2004 was the omission of the geophysical survey, proposed to be performed prior to the soil boring investigation. The geophysical survey was not performed on account of the information provided by the property owner to Impact Environmental regarding the location of underground utilities.

8.0 FINDINGS

- During the soil boring installation program the depth to water ranged between 10 to 12 feet bls.
- The results for the 2-4 foot interval of boring B-4 indicate the presence of thirteen VOCs with Naphthalene having the highest concentration of 9000 ug/Kg.
- SVOCs in the soils are at their greatest concentration in the Fuel Tank Area (shallow historic fill material).
- SVOCs were identified in boring B-4 at significant concentrations ranging between 1200 micrograms per kilogram (ug/Kg) and 160,000 ug/Kg.
- VOCs (Benzene, Toluene, and Xylene compounds) were identified in B-4 at concentrations ranging between 16 and 230ug/Kg.

9.0 CONCLUSIONS

The New York State Department of Environmental Conservation has recommended soil cleanup objectives (TAGM #4046) for VOCs and SVOCs. The following conclusions were noted based upon a review of the TAGM #4046 recommended cleanup objectives:

- The soil sample results in the vicinity of the Truck Wash Area indicate the area is not a priority environmental concern.

- The only soil sample (boring B-4, 2-4 foot interval) which contained the presence of VOCs did not exceed the individual contaminant soil cleanup criteria or the total VOC soil cleanup criteria (10,000ug/Kg).
- Three soil samples (B-1, B-3, and B-4) analyzed for SVOCs exceeded the individual contaminant soil cleanup criteria. Soil borings B-1,(4-6 ft.) and B-3,(2-4ft.) exceeded the Benzo(a)anthracene, Benzo(a)pyrene, Chrysene, and Dibenzo(a,h)anthracene contaminant soil cleanup criteria. Soil boring B-4,(2-4ft.) exceeded the Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene Chrysene, Dibenzo(a,h)anthracene, and Phenanthrene contaminant soil cleanup criteria.

10. RECOMMENDATIONS

The soils analyses data for samples collected from the Fuel Tank Area should be used as a reference during future redevelopment of the area.

Sample/Core Log

Boring/Well B-1 Project Brooklyn Phase II Page 1 Of 1

Site Location Brooklyn, New York Drilling Started 6-9-04 Drilling Completed 6-9-04

Total Depth Drilled 12 Feet Hole Diameter 2 1/2 inches Type of Sample Coring Device N/A

Length & Diameter of Coring Device 4 Feet / 3 inches Sampling Interval 4 foot

Land Surface Elev. N/A [] Surveyed [] Estimated Datum N/A

Drilling Fluid Used N/A Drilling Method Geoprobe

Drilling Contractor Impact Environmental Inc. Driller John Helper N/A

Prepared By N. Canonico Hammer Weight N/A Hammer Drop N/A

Sample/Core Depth (feet bls) From To		PID Readings (ppm)	CG Meter Readings		Sample/Core Description
			CO H2S	LEL O2	
0	4	0	N/A	N/A	Fill, Bricks. Brown Sand
4	8	0	N/A	N/A	Dark Brown to Black Medium Sand
8	12	0	N/A	N/A	Dark Brown Coarse Sand, Sample Wet.

Sample/Core Log

Boring/Well B-2 Project Brooklyn Phase II Page 1 Of 1

Site Location Brooklyn, New York Drilling Started 6-9-04 Drilling Completed 6-9-04

Total Depth Drilled 12 Feet Hole Diameter 2 1/2 inches Type of Sample Coring Device N/A

Length & Diameter of Coring Device 4 Feet / 3 inches Sampling Interval 4 foot

Land Surface Elev. N/A [] Surveyed [] Estimated Datum N/A

Drilling Fluid Used N/A Drilling Method Geoprobe

Drilling Contractor Impact Environmental Inc. Driller John Helper N/A

Prepared By N. Canonico Hammer Weight N/A Hammer Drop N/A

Sample/Core Depth (feet bls) From To		PID Readings (ppm)	CG Meter Readings		Sample/Core Description
			CO H2S	LEL O2	
0	4	0	N/A	N/A	Black Fill, Brown Coarse Sand.
4	8	0	N/A	N/A	Brown Medium to Fine Sand, Some Brown Silty Clay.

Sample/Core Log

Boring/Well B-3 Project Brooklyn Phase II Page 1 Of 1

Site Location Brooklyn, New York Drilling Started 6-9-04 Drilling Completed 6-9-04

Total Depth Drilled 12 Feet Hole Diameter 2 1/2 inches Type of Sample Coring Device N/A

Length & Diameter of Coring Device 4 Feet / 3 inches Sampling Interval 4 foot

Land Surface Elev. N/A [] Surveyed [] Estimated Datum N/A

Drilling Fluid Used N/A Drilling Method Geoprobe

Drilling Contractor Impact Environmental Inc. Driller John Helper N/A

Prepared By N. Canonico Hammer Weight N/A Hammer Drop N/A

Sample/Core Depth (feet bls)		PID Readings (ppm)	CG Meter Readings		Sample/Core Description
			CO H2S	LEL O2	
0	4	0	N/A	N/A	Fill, Bricks, Some Coarse Brown Sand.
4	8	6.5	N/A	N/A	Coarse to Medium Brown Sand, Sample Wet.
8	12	0	N/A	N/A	Silty Gray and Brown Clays.

Sample/Core Log

Boring/Well B-4 Project Brooklyn Phase II Page 1 Of 1

Site Location Brooklyn, New York Drilling Started 6-9-04 Drilling Completed 6-9-04

Total Depth Drilled 12 Feet Hole Diameter 2 1/2 inches Type of Sample N/A
 Coring Device N/A

Length & Diameter of Coring Device 4 Feet / 3 inches Sampling Interval 4 foot

Land Surface Elev. N/A [] Surveyed [] Estimated Datum N/A

Drilling Fluid Used N/A Drilling Method Geoprobe

Drilling Contractor Impact Environmental Inc. Driller John Helper N/A

Prepared By N. Canonic Hammer Weight N/A Hammer Drop N/A

Sample/Core Depth (feet bls)		PID Readings (ppm)	CG Meter Readings		Sample/Core Description
From	To		CO H2S	LEL O2	
0	4	0	N/A	N/A	Fill, Bricks, Clay. Sample Has Unknown Odor.
4	8	20	N/A	N/A	Dark Coarse to Medium Brown Sand, Sample Wet.
8	12	0	N/A	N/A	Silty Brown Fine Sand.

Sample/Core Log

Boring/Well B-5 Project Brooklyn Phase II Page 1 Of 1

Site Location Brooklyn, New York Drilling Started 6-9-04 Drilling Completed 6-9-04

Total Depth Drilled 12 Feet Hole Diameter 2 1/2 inches Type of Sample N/A
 Coring Device N/A

Length & Diameter of Coring Device 4 Feet / 3 inches Sampling Interval 4 foot

Land Surface Elev. N/A [] Surveyed [] Estimated Datum N/A

Drilling Fluid Used N/A Drilling Method Geoprobe

Drilling Contractor Impact Environmental Inc. Driller John Helper N/A

Prepared By N. Canonico Hammer Weight N/A Hammer Drop N/A

Sample/Core Depth (feet bls)		PID Readings (ppm)	CG Meter Readings		Sample/Core Description
From	To		CO H2S	LEL O2	
0	4	0	N/A	N/A	Fill, Bricks, Medium Brown Sand.
4	8	0	N/A	N/A	Drove Brick Entire Sample Core, No Recovery.
8	12	0	N/A	N/A	Brown Silty Sand.
12	16	0	N/A	N/A	Silty Brown to Dark Grey Sand. Sample Wet

Sample/Core Log

Boring/Well B-7 Project Brooklyn Phase II Page 1 Of 1

Site Location Brooklyn, New York Drilling Started 6-9-04 Drilling Completed 6-9-04

Total Depth Drilled 12 Feet Hole Diameter 2 1/2 inches Type of Sample Coring Device N/A

Length & Diameter of Coring Device 4 Feet / 3 inches Sampling Interval 4 foot

Land Surface Elev. N/A [] Surveyed [] Estimated Datum N/A

Drilling Fluid Used N/A Drilling Method Geoprobe

Drilling Contractor Impact Environmental Inc. Driller John Helper N/A

Prepared By N. Canonico Hammer Weight N/A Hammer Drop N/A

Sample/Core Depth (feet bls)		PID Readings (ppm)	CG Meter Readings		Sample/Core Description
From	To		CO H2S	LEL O2	
0	4	0	N/A	N/A	Brown Coarse Sand, W/Fill
4	8	0	N/A	N/A	Brown Silty Sand.
8	12	0	N/A	N/A	Silty Gray Sand And Clay Lenses, Sample Wet.

Sample/Core Log

Boring/Well B-8 Project Brooklyn Phase II Page 1 Of 1

Site Location Brooklyn, New York Drilling Started 6-9-04 Drilling Completed 6-9-04

Total Depth Drilled 12 Feet Hole Diameter 2 1/2 inches Type of Sample Coring Device N/A

Length & Diameter of Coring Device 4 Feet / 3 inches Sampling Interval 4 foot

Land Surface Elev. N/A [] Surveyed [] Estimated Datum N/A

Drilling Fluid Used N/A Drilling Method Geoprobe

Drilling Contractor Impact Environmental Inc. Driller John Helper N/A

Prepared By N. Canonico Hammer Weight N/A Hammer Drop N/A

Sample/Core Depth (feet bls)		PID Readings (ppm)	CG Meter Readings		Sample/Core Description
From	To		CO H2S	LEL O2	
0	4	0	N/A	N/A	Fill, Cinders, Bricks, Brown Coarse Sand.
4	8	0	N/A	N/A	Coarse Brown Sand.
8	12	0	N/A	N/A	Silty Brown Sand.
12	16	0	N/A	N/A	Silty Brown Sand And Gray Clay, Sample Wet

Sample/Core Log

Boring/Well B-9 Project Brooklyn Phase II Page 1 Of 1

Site Location Brooklyn, New York Drilling Started 6-9-04 Drilling Completed 6-9-04

Total Depth Drilled 12 Feet Hole Diameter 2 1/2 inches Type of Sample Coring Device N/A

Length & Diameter of Coring Device 4 Feet / 3 inches Sampling Interval 4 foot

Land Surface Elev. N/A [] Surveyed [] Estimated Datum N/A

Drilling Fluid Used N/A Drilling Method Geoprobe

Drilling Contractor Impact Environmental Inc. Driller John Helper N/A

Prepared By N. Canonico Hammer Weight N/A Hammer Drop N/A

Sample/Core Depth (feet bls)		PID Readings (ppm)	CG Meter Readings		Sample/Core Description
			CO H2S	LEL O2	
0	4	0	N/A	N/A	Concrete, Bricks, Assorted Fill, No Sample Recovery
4	8	0	N/A	N/A	Dark Brown Fine And Silty Sand, Sample Wet.

Table 1-2a											
Concentrations of Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase II Environmental Assessment, Brooklyn, New York											
Sample ID:	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-6	B-6
Sample Date:	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004
Depth:	4-6 feet	2-4 feet	6-8 feet	2-4 feet	6-8 feet	2-4 feet	10-12 feet	2-4 feet	14-16 feet	4-6 feet	6-8 feet
Analytes (ug/Kg)											
Acetone	BDL	BDL	BDL	BDL	BDL	74	BDL	BDL	BDL	BDL	BDL
Benzene	BDL	BDL	BDL	BDL	BDL	6.6	BDL	BDL	BDL	BDL	BDL
Bromobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
c-1,3Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorodibromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	37	BDL	BDL	BDL	BDL	BDL
Freon 113	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	48	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit											

Table 2-1a											
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase II Environmental Assessment, Brooklyn, New York											
Sample ID:	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-6	B-6
Sample Date:	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004
Depth:	4-6 feet	2-4 feet	6-8 feet	2-4 feet	6-8 feet	2-4 feet	10-12 feet	2-4 feet	14-16 feet	4-6 feet	6-8 feet
Analytes (ug/Kg)											
1,2 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
124-Trichlorobenzene (sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chloronaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methylnaphthalene	44	BDL	BDL	BDL	BDL	8100	BDL	BDL	BDL	BDL	BDL
2-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,3'-Dichlorobenzidine	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Bromophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chloroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acenaphthene	150	BDL	BDL	93	BDL	14000	BDL	BDL	BDL	BDL	BDL
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Anthracene	350	BDL	BDL	230	BDL	15000	BDL	BDL	BDL	BDL	BDL
Benzo(a)anthracene	760	BDL	BDL	640	BDL	18000	BDL	82	BDL	57	BDL
Benzo(a)pyrene	640	BDL	BDL	590	BDL	9100	BDL	64	BDL	57	BDL
Benzo(b)fluoranthene	600	BDL	BDL	530	BDL	7700	BDL	66	BDL	54	BDL
Benzo(ghi)perylene	310	BDL	BDL	230	BDL	2400	BDL	34	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit											

Table 1-1b					
Concentrations of Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase II Environmental Assessment, Brooklyn, New York					
Sample ID:	B-7	B-7	B-8	B-8	B-9
Sample Date:	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004
Depth:	2-4 feet	10-12 feet	2-4 feet	14-16 feet	6-8 feet
Analytes (ug/Kg)					
1,1 Dichloroethane	BDL	BDL	BDL	BDL	BDL
1,1 Dichloroethene	BDL	BDL	BDL	BDL	BDL
1,1-Dichloropropene	BDL	BDL	BDL	BDL	BDL
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL
1,2 Dichlorobenzene (v)	BDL	BDL	BDL	BDL	BDL
1,2 Dichloroethane	BDL	BDL	BDL	BDL	BDL
1,2 Dichloropropane	BDL	BDL	BDL	BDL	BDL
1,3 Dichlorobenzene (v)	BDL	BDL	BDL	BDL	BDL
1,3-Dichloropropane	BDL	BDL	BDL	BDL	BDL
1,4 Dichlorobenzene (v)	BDL	BDL	BDL	BDL	BDL
111 Trichloroethane	BDL	BDL	BDL	BDL	BDL
1112Tetrachloroethane	BDL	BDL	BDL	BDL	BDL
112 Trichloroethane	BDL	BDL	BDL	BDL	BDL
1122Tetrachloroethane	BDL	BDL	BDL	BDL	BDL
123-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL
123-Trichloropropane	BDL	BDL	BDL	BDL	BDL
124-Trichlorobenzene (v)	BDL	BDL	BDL	BDL	BDL
124-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL
1245 Tetramethylbenz	BDL	BDL	BDL	BDL	BDL
135-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	BDL	BDL	BDL	BDL	BDL
4-Chlorotoluene	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit					

Table 1-2b					
Concentrations of Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase II Environmental Assessment, Brooklyn, New York					
Sample ID:	B-7	B-7	B-8	B-8	B-9
Sample Date:	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004
Depth:	2-4 feet	10-12 feet	2-4 feet	14-16 feet	6-8 feet
Analytes (ug/Kg)					
Acetone	BDL	BDL	BDL	BDL	BDL
Benzene	BDL	BDL	BDL	BDL	BDL
Bromobenzene	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	BDL	BDL	BDL	BDL	BDL
Bromoform	BDL	BDL	BDL	BDL	BDL
Bromomethane	BDL	BDL	BDL	BDL	BDL
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL
c-1,3Dichloropropene	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	BDL	BDL	BDL	BDL	BDL
Chlorodibromomethane	BDL	BDL	BDL	BDL	BDL
Chlorodifluoromethane	BDL	BDL	BDL	BDL	BDL
Chloroethane	BDL	BDL	BDL	BDL	BDL
Chloroform	BDL	BDL	BDL	BDL	BDL
Chloromethane	BDL	BDL	BDL	BDL	BDL
Dibromochloropropane	BDL	BDL	BDL	BDL	BDL
Dibromomethane	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL
Freon 113	BDL	BDL	BDL	BDL	BDL
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit					

Table 1-3b					
Concentrations of Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase II Environmental Assessment, Brooklyn, New York					
Sample ID:	B-7	B-7	B-8	B-8	B-9
Sample Date:	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004
Depth:	2-4 feet	10-12 feet	2-4 feet	14-16 feet	6-8 feet
Analytes (ug/Kg)					
m + p Xylene	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	BDL	BDL	BDL	BDL	BDL
Methylisobutylketone	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL
Naphthalene(v)	BDL	BDL	BDL	BDL	BDL
o Xylene	BDL	BDL	BDL	BDL	BDL
p Diethylbenzene	BDL	BDL	BDL	BDL	BDL
p-Ethyltoluene	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL
Styrene	BDL	BDL	BDL	BDL	BDL
t-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL
t-1,3Dichloropropene	BDL	BDL	BDL	BDL	BDL
ter. ButylMethylEther	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL
Toluene	BDL	BDL	BDL	BDL	BDL
Trichloroethylene	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit					

Table 2-1b					
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase II Environmental Assessment, Brooklyn, New York					
Sample ID:	B-7	B-7	B-8	B-8	B-9
Sample Date:	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004
Depth:	2-4 feet	10-12 feet	2-4 feet	14-16 feet	6-8 feet
Analytes (ug/Kg)					
1,2 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL
1,3 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL
1,4 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL
124-Trichlorobenzene (sv)	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL
2-Chloronaphthalene	BDL	BDL	BDL	BDL	BDL
2-Methylnaphthalene	BDL	BDL	BDL	BDL	BDL
2-Nitroaniline	BDL	BDL	BDL	BDL	BDL
3,3'-Dichlorobenzidine	BDL	BDL	BDL	BDL	BDL
3-Nitroaniline	BDL	BDL	BDL	BDL	BDL
4-Bromophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL
4-Chloroaniline	BDL	BDL	BDL	BDL	BDL
4-Chlorophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL
4-Nitroaniline	BDL	BDL	BDL	BDL	BDL
Acenaphthene	BDL	BDL	BDL	BDL	BDL
Acenaphthylene	BDL	BDL	BDL	BDL	BDL
Anthracene	BDL	BDL	BDL	BDL	BDL
Benzo(a)anthracene	BDL	BDL	BDL	BDL	BDL
Benzo(a)pyrene	BDL	BDL	BDL	BDL	BDL
Benzo(b)fluoranthene	BDL	BDL	BDL	BDL	BDL
Benzo(ghi)perylene	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit					

Table 2-2b					
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase II Environmental Assessment, Brooklyn, New York					
Sample ID:	B-7	B-7	B-8	B-8	B-9
Sample Date:	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004
Depth:	2-4 feet	10-12 feet	2-4 feet	14-16 feet	6-8 feet
Analytes (ug/Kg)					
Benzo(k)fluoranthene	BDL	BDL	BDL	BDL	BDL
BenzylButylPhthalate	BDL	BDL	BDL	BDL	BDL
Bis(2-chloroethoxy)methane	BDL	BDL	BDL	BDL	BDL
Bis(2-chloroethyl)ether	BDL	BDL	BDL	BDL	BDL
Bis(2-chloroisopropyl)ether	BDL	BDL	BDL	BDL	BDL
Bis(2-ethylhexyl)phthalate	BDL	BDL	BDL	BDL	BDL
Carbazole	BDL	BDL	BDL	BDL	BDL
Chrysene	BDL	BDL	BDL	BDL	BDL
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL
Di-n-octyl Phthalate	BDL	BDL	BDL	BDL	BDL
Dibenzo(a,h)anthracene	BDL	BDL	BDL	BDL	BDL
Dibenzofuran	BDL	BDL	BDL	BDL	BDL
Diethyl Phthalate	BDL	BDL	BDL	BDL	BDL
Dimethyl Phthalate	BDL	BDL	BDL	BDL	BDL
Fluoranthene	BDL	BDL	BDL	BDL	BDL
Fluorene	BDL	BDL	BDL	BDL	BDL
Hexachlorobenzene	BDL	BDL	BDL	BDL	BDL
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL
Hexachlorocyclopentadiene	BDL	BDL	BDL	BDL	BDL
Hexachloroethane	BDL	BDL	BDL	BDL	BDL
Indeno(1,2,3-cd)pyrene	BDL	BDL	BDL	BDL	BDL
Isophorone	BDL	BDL	BDL	BDL	BDL
N-Nitrosodi-n-propylamine	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit					

Table 2-3b					
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase II Environmental Assessment, Brooklyn, New York					
Sample ID:	B-7	B-7	B-8	B-8	B-9
Sample Date:	6/9/2004	6/9/2004	6/9/2004	6/9/2004	6/9/2004
Depth:	2-4 feet	10-12 feet	2-4 feet	14-16 feet	6-8 feet
Analytes (ug/Kg)					
N-Nitrosodiphenylamine	BDL	BDL	BDL	BDL	BDL
Naphthalene(sv)	BDL	BDL	BDL	BDL	BDL
Nitrobenzene	BDL	BDL	BDL	BDL	BDL
Phenanthrene	BDL	BDL	BDL	BDL	BDL
Pyrene	BDL	BDL	BDL	BDL	BDL
2,4,5-Trichlorophenol	BDL	BDL	BDL	BDL	BDL
2,4,6-Trichlorophenol	BDL	BDL	BDL	BDL	BDL
2,4-Dichlorophenol	BDL	BDL	BDL	BDL	BDL
2,4-Dimethylphenol	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrophenol	BDL	BDL	BDL	BDL	BDL
2-Chlorophenol	BDL	BDL	BDL	BDL	BDL
2-Methyl-4,6-dinitrophenol	BDL	BDL	BDL	BDL	BDL
2-Methylphenol (o-cresol)	BDL	BDL	BDL	BDL	BDL
2-Nitrophenol	BDL	BDL	BDL	BDL	BDL
4-Chloro-3-methylphenol	BDL	BDL	BDL	BDL	BDL
4-Methylphenol (p-cresol)	BDL	BDL	BDL	BDL	BDL
4-Nitrophenol	BDL	BDL	BDL	BDL	BDL
Pentachlorophenol (ms)	BDL	BDL	BDL	BDL	BDL
Phenol	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit					

ATTACHMENT H
NOVA 2004 Phase III Report

July 7, 2004

Mr. William Kerbel
President
ENVIRONMENTAL HEALTH INVESTIGATIONS INC.
655 West Shore Trail
Sparta, New Jersey 07871

*Re: Phase III Environmental Site Assessment Report for the facility located on
Kent Avenue, Brooklyn, New York (Block 2414, Lot 1 and Block 2428, Lot 1)*

Dear Mr. Kerbel:

The attached report presents the data and our findings and conclusions from the Phase III Environmental Assessment at the subject property. This report, in combination with our previous report on the subsurface conditions in the tank farm and truck wash areas, concludes this site environmental assessment.

The Phase II and Phase III Environmental Assessments encompassed 25 soil borings throughout the site, and one groundwater monitoring well at the north end of the property. The locations of the borings were selected to attempt to characterize the soil conditions on the entire site wherever physical conditions permitted drilling to occur. Unfortunately the presence of underground utilities and other physical constraints did not permit drilling to be performed in the Pan House, Filter House and Boiler House Buildings. Nevertheless, the work that was completed and the results that were obtained have provided us with sufficient information to draw a number of conclusions regarding site subsurface conditions.

In general, there is minimal soil contamination that could require corrective action. Our investigations did not find any volatile organic compounds (VOCs) above New York State Department of Environmental Conservation (NYSDEC) soil standards. The absence of VOCs in any significant concentrations is very encouraging, as many of these compounds are hazardous, and their presence may require site remediation.

A number of semi-volatile organic compounds (SVOCs) were identified at various locations throughout the site above the NYSDEC standards. These compounds are generally prevalent in the environment, and were most likely introduced at the site in the historic fill that was used throughout. In addition, chromium, cadmium and mercury were found, at concentrations that slightly exceeded the NYSDEC soil standards, in several borings at various locations on the site. According to the NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGMs), which recommends soil cleanup objectives and cleanup levels, the concentrations of metals detected at the subject site can be considered site background conditions. We believe their presence can be attributed to the historic fill that was placed on the property.

Lastly, the minimal groundwater monitoring that was performed on the up-gradient side of the site did not identify any contaminants emanating from neighboring sources above the NYSDEC cleanup standards. This information, when combined with the location of the property on the East River, and the brackish nature of the groundwater on the site, has led us to conclude that groundwater will not be an issue of concern.

NOVA CONSULTING & ENGINEERING, LLC.

At this point in time, there is no requirement to perform any remedial action at the site. Remediation may be required by the regulatory agencies, NYSDEC and the New York City Department of Environmental Protection as a condition of the development and rezoning of the property. It is possible that given the minimal level of contamination identified on the site, any required remediation would be limited.

In our judgment the worst case scenario, could be defined by the excavation of three feet of soil from approximately 50 percent of the site. This would necessitate the excavation and disposal of approximately 25,000 cubic yards or 38,000 tons of contaminated soil, at an estimated cost of about \$100 per ton. Accordingly, the worst case scenario could require the expenditure of about \$3,800,000 for excavation and disposal, or \$4,500,000 when administrative, consulting, and testing costs are added.

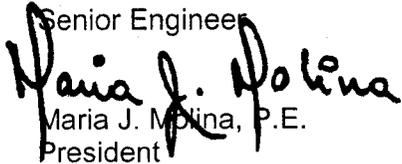
We trust that this letter and the Phase II and Phase III Environmental Assessment reports have provided all of the information needed at this time. If there are any questions, please do not hesitate to call. We appreciate the opportunity to be of service.

Very truly yours,

NOVA CONSULTING & ENGINEERING, LLC.



Arnold S. Vernick, P.E.
Senior Engineer



Maria J. Molina, P.E.
President

c. Nick Canonico-NOVA

**PHASE III ENVIRONMENTAL
SITE ASSESSMENT REPORT
KENT AVENUE, BROOKLYN, NEW YORK
(Block 2414, Lot 1 and Block 2428, Lot 1)**

Prepared by:

**NOVA CONSULTING & ENGINEERING, LLC
266 JERICO TURNPIKE, SUITE LL2
FLORAL PARK, NEW YORK 11001**

JUNE 2004

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- 1-1a-1c. Concentrations of Volatile Organic Compounds in Soil Samples (B-1-B-3) Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.
- 1-2a-2c. Concentrations of Volatile Organic Compounds in Soil Samples (B-4-B-8) Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.
- 1-3a-3c. Concentrations of Volatile Organic Compounds in Soil Samples (B-9-B-16) Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.
- 2-1a-1c. Concentrations of Semi Volatile Organic Compounds in Soil Samples (B-1-B-3) Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.
- 2-2a-2c. Concentrations of Semi Volatile Organic Compounds in Soil Samples (B-4-B-8) Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.
- 2-3a-3c. Concentrations of Semi Volatile Organic Compounds in Soil Samples (B-9-B-16) Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.
- 3. Concentrations of RCRA Metals in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.
- 4-1a-1c. Concentrations of Volatile Organic Compounds in Soil Samples (B-1-B-3) Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.
- 4-2a-2c. Concentrations of Semi Volatile Organic Compounds in Soil Samples (B-9-B-16) Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York.

FIGURES

- 1. SITE PLAN, Kent Avenue, Brooklyn, New York

APPENDICES

APPENDIX A - Sample/Core Logs

APPENDIX B - Laboratory Data Reports

INTRODUCTION

Mr. William Kerbel of Environmental Health Investigations, Inc. (EHI) contracted NOVA Consulting & Engineering, LLC. (NOVA) to perform a Phase III Environmental Site Assessment (ESA) of the property located in Brooklyn, Kings County, New York (subject site). The subject site is located along Kent Avenue (Block 2414, Lot 1 and Block 2428, Lot 1), south of Metropolitan Avenue and north of the Williamsburg Bridge. The location of the subject site is shown on Figure 1.

1.1 PURPOSE

The purpose of this Phase III ESA was to further delineate subsurface environmental conditions on the subject site. This investigation encompassed the site wide historic fill areas, the historic coal storage area (Building 1, the former raw sugar warehouse) and the former building foundation excavation area (existing employee parking area). The investigation was to be completed in an expedited manner (one week turnaround) so as to have the final report presented prior to the property closing date. The investigation focused on: (1) the soil quality across the subject site between Grand Street and South 5th Street and Kent Avenue and the East River, (2) the soil quality beneath the existing employee parking area east of Kent Avenue between 2nd and 3rd streets, and (3) the ground water quality down gradient or west of the Radiac Research Corporation property located at 33 South 1st Street, on the East Side of Kent Avenue.

1.2 DETAILED SCOPE OF SERVICES

The Phase III work was carried out from June 23, 2004 through June 24, 2004. The activities performed included, soil boring drilling, monitoring well installation, air monitoring, soil and ground water sampling and laboratory analyses, all of which are described in this report. Findings and conclusions are also provided.

Aquifer Drilling and Testing, Inc. of New Hyde Park, New York (Driller) carried out the GPR survey, drilling and most of the soil sampling; laboratory analysis of soil samples was carried out by Eco-Test Laboratories of North Babylon, New York (Laboratory), a New York-certified

laboratory. All field work was carried out under the supervision of NOVA personnel. NOVA personnel also performed the air monitoring and field sampling

1.3 SPECIAL TERMS AND CONDITIONS

This assessment was performed as outlined in NOVA's proposal dated June 22, 2004 and is subject to the contractual terms referenced therein.

1.4 USER RELIANCE

This report may be relied upon by Environmental Health Investigations, Inc. , Refinery LLC, The Community Preservation Corporation and Marathon Structured Finance Fund, L.P. only. Reliance on this document by any other party is not permitted without the express written consent of NOVA and that party's acceptance of mutually agreeable terms and conditions. Use of this report for purposes beyond those reasonably intended by the parties named above and NOVA will be at the sole risk of the user.

2.0 BACKGROUND

2.1 LOCATION AND LEGAL DESCRIPTION

The subject site is located along Kent Avenue in Brooklyn, Kings County, New York. It consists of an 11.5 acre parcel stretching approximately one-quarter mile along the East River between South Fifth Street and Grand Street, and one employee parking area located between South Third and South Fourth Streets. Past operations including office, laboratory, manufacturing, warehousing, and shipping/receiving activities were housed in the 11.5 acre complex between the East River and Kent Avenue. The subject site buildings range from one to eleven-stories, and were reportedly constructed at various times from 1853 to 1960. The subject site is located approximately two miles south of Metropolitan Avenue and one-quarter mile north of the Williamsburg Bridge. The location of the subject site is shown on Figure 1.

2.2 CURRENT USE OF THE PROPERTY

Presently the subject site is owned and operated as a sugar refinery by Tate & Lyle North American Sugars Inc. Products include granulated and powdered white sugar, brown sugar,

specialized co-crystallized sugars, and liquid sugar. The site receives partially processed sugar liquor from their Baltimore facility by barge.

2.3 DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS

The subject site complex is divided into three main sections by South Third and South Second Streets, which traverse the subject site (but are not public through streets on the block between Kent Avenue and the East River). The northernmost section consists of office space, the central testing laboratory, two 200,754-gallon #6 fuel oil, underground storage tanks, and the former raw sugar warehouse and wash house. The central section houses the boilers and turbines used to generate site heat and electricity, as well as the primary manufacturing operations. The southern section of the subject site houses packaging and warehouse activities, as well as office space and a cafeteria. A tanker truck washing station is located along South 3rd Street between the central and southern sections of the subject site.

2.4 CURRENT USES OF THE ADJOINING PROPERTIES

The subject site is located in a mixed industrial, commercial, and residential area. Adjacent land use to the north, east and south of the subject site consists primarily of light industrial and commercial facilities including, Radiac Research Corporation, a treatment, storage and disposal facility for hazardous wastes, an Asian food packaging company, and a storage facility for the New York City Housing Authority. The East River borders the subject site to the west.

2.5 PHYSICAL SETTING

Based upon the USGS Brooklyn, New York 7.5-minute quadrangle, the subject site slopes to the west-northwest from an elevation of approximately 30 feet above mean sea level to about 10 feet above mean sea level at the river. Portions of the subject site and areas in the immediate vicinity are located within the 100-year and 500-year East River flood zones. No geotechnical reports were available for review.

3.0 INVESTIGATION METHODOLOGY

A shallow soil investigation was conducted on the subject site on June 23, 2004 and June 24, 2004 in accordance with the June 22, 2004 proposal. The proposal outlined a scope of work for conducting an on-site field investigation. The activities consisted of soil boring drilling, monitoring well installation, air monitoring, soil and ground water sampling and laboratory analyses. The methodologies for all field activities conducted during this Phase III ESA are discussed in the following sections. For clarity, each field activity is discussed in chronological order.

3.1 SUBSURFACE SOIL INVESTIGATION

A total of sixteen (16) subsurface soil borings were drilled at the subject site. Eleven (11) exterior sampling locations were randomly chosen based upon accessibility by the drilling rig and utility mark outs provided by site engineers. Five (5) interior sampling locations were randomly chosen based upon building access and utility mark outs also provided by site engineers. The locations of all borings are shown on Figure 1. A sample/core log was completed for each boring. Sample/Core Log forms are shown in Appendix A.

3.1.1 Geoprobe Subsurface Sampling

Eleven borings (B-1 through B-8 and B-12 through B-14) were advanced into the site fill and shallow glacial deposits using a Geoprobe subsurface sampling unit to total depths ranging from 4 to 20 ft below land surface (bls). The borings were located in the employee parking area, the northern section and between the central and southern sections of the subject site. All drill cuttings were contained on location at the immediate area around each borehole. The cuttings were shoveled back into the open boreholes at the conclusion of the drilling program.

3.1.2 Hand Auger Subsurface Sampling

Five borings (B-9 through B-11 and B-15 and B-16) were advanced into the site fill and shallow glacial deposits using a 3-inch diamond core drilling unit and hand auger to total depths ranging from 4 to 8 ft bls. The borings were located in Building 1, the former raw sugar warehouse (historic coal storage area) and Building 36, the main warehouse. The average thickness of the concrete floor in both buildings was eighteen (18) inches. All drill cuttings were contained

on location at the immediate area around each borehole. The cuttings were shoveled back into the open boreholes at the conclusion of the drilling program.

3.2 MONITORING WELL INSTALLATION

Following the completion of Boring B-6, the driller installed a 20 foot section of 1-inch diameter slotted (screened) PVC plastic pipe in the open borehole. This temporary monitoring well was used to collect a ground water sample.

3.3 FIELD SAMPLING

Geoprobe and Hand Auger soil samples and a ground water sample were collected during the subsurface investigation program. The following section discusses the methodology of the sampling event.

3.3.1 SOIL QUALITY SAMPLING

Geoprobe (B-1 through B-8 and B-12 through B-14)

During the subsurface soil investigation, each borehole was advanced in four foot intervals. Subsurface soil samples were secured by the Driller from each boring to a depth of between 4 to 20 feet bls. The locations of these borings are shown on Figure 1. Each sample was collected using a 2-inch diameter Flexan (plastic) tube and consisted of a non-disturbed micro core. Each soil sample was screened in the field with a photoionization detector (PID) for the presence or absence of total volatile organic compounds (VOCs). Generally, the soil sample from each core that exhibited the highest concentration of total VOCs was retained for subsequent laboratory analysis.

For Borings B-1 through B-5 (employee parking area) one composite soil sample was collected from each 4 foot sampling interval. For Borings B-6 through B-8, and B-12 through B-14, one composite soil sample was collected from the 2-4 foot sampling interval, and a second was collected from a depth approximately 2 feet above the water table. The soil from the remaining cores was given to the driller for disposal.

The selected soil samples for laboratory analysis were transferred to two 100-milliliter (mL) and one 200-milliliter glass sample containers and stored at 4 degrees C for submission to the Laboratory. The selected soil samples were analyzed for VOCs and Semi-Volatile Organic Compounds (SVOCs) using USEPA Test Method 8260 and 8270. A random number of soil samples were analyzed for the eight (8) RCRA Metals using USEPA Test Method 6010. PID readings for each soil sample are noted on the sample/core logs, which are shown in Appendix A.

Hand Auger (B-9 through B-11 and B-15 and B-16)

During the subsurface soil investigation, each borehole was initially advanced through an average of eighteen (18) inches of reinforced concrete by the driller. Subsurface soil samples were secured by NOVA from each boring to a depth of 4 feet bls. The locations of these borings are shown on Figure 1. Each sample was collected using a 2 1/2-inch diameter stainless steel Hand Auger. Each soil sample was screened in the field with a PID for the presence or absence of VOCs. One composite soil sample was collected from the 0-4 foot sampling interval. The selected soil samples for laboratory analysis were transferred to two 100 ml and one 200 ml glass sample container and stored at 4 degrees C for submission to the Laboratory. The selected soil samples were analyzed for VOCs and SVOCs using USEPA Test Method 8260 and 8270. . A random number of soil samples were analyzed for the eight (8) RCRA Metals using USEPA Test Method 6010. PID readings for each soil sample are noted on the sample/core logs, which are shown in Appendix A.

3.3.2 GROUND WATER QUALITY SAMPLING

Following the completion of Boring B-6, the driller installed a 20 foot section of 1-inch diameter slotted (screened) PVC plastic pipe in the open borehole. A ground water sample was secured by NOVA from Monitoring Well W-1. The location of this monitoring well is shown on Figure 1. The ground water sample was collected using 1/4-inch diameter Teflon tubing and a 1 horsepower (hp) peristaltic pump. After the Teflon tubing was lowered down to the bottom of the monitoring well, NOVA evacuated three well volumes from monitoring well W-1 prior to sampling. One ground water sample was collected and transferred to two 1,000 ml glass sample containers and two 40 ml glass vials and stored at 4 degrees C for submission to the Laboratory. The selected ground water sample was analyzed for VOCs and SVOCs using USEPA Test Method 8260 and 8270

4.0 HYDROGEOLOGY

NOVA personnel collected hydrogeologic data during the Subsurface Soil Investigation. These data which included geologic and physical interpretation of subsurface soil samples were used in confirming the hydrogeology at the subject site. The following section provides a discussion and interpretation of these data.

During the Subsurface Soil Investigation the depth to water ranged between 6 and 24 feet bls. Based upon the thin layer of unconsolidated glacial sands, clays and silts observed during soil sampling, NOVA characterizes the presence of the subsurface water as a perched zone at numerous areas of the subject site. NOVA installed only one monitoring well on the subject property during the assessment. Therefore, actual ground-water gradients and flow direction can only be surmised based on local relief and known recharge areas. We expect ground-water flow direction to be from topographic highs to lows, locally from east to west toward the East River, which is located adjacent to the subject site.

5.0 SAMPLING RESULTS

5.1 SOIL SAMPLES

Soil boring B-1, (see Figure 1 for soil boring locations), which is located in the employee parking area, was drilled to a total depth of 20 feet bls. A soil sample from each 4 foot interval was sent to the laboratory for analyses. The results indicate the presence of two SVOCs, with Bis(2-ethylhexyl)phthalate having the highest concentration of 200 ug/Kg. There were no VOCs detected in any of the soil samples. Soil samples were not analyzed for RCRA metals. (See Tables 1-1a-1c, 2-1a-1c, and Appendix B).

Soil boring B-2, which is located in the employee parking area, was drilled to a total depth of 16 feet bls. A soil sample from each 4 foot interval was sent to the laboratory for analyses. The results indicate the presence of twelve SVOCs, with Fluoranthene having the highest concentration of 7700 ug/Kg. Five SVOCs were detected above the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum #4046 (TAGMs), which recommended soil cleanup objectives and cleanup levels. There was only one VOC detected in all of the soil samples. The VOC was Napthalene

at a concentration of 18 ug/Kg. Soil samples were not analyzed for RCRA metals. (See Tables 1-1a-1c, 2-1a-1c, and Appendix B).

Soil boring B-3, which is located in the employee parking area, was drilled to a total depth of a 16 feet bls. A soil sample from each 4 foot interval was sent to the laboratory for analyses. The results indicate the presence of eleven SVOCs, with Fluoranthene having the highest concentration of 540 ug/Kg. The results indicate the presence of six RCRA metals. Three metals, Cadmium, Chromium and Mercury were detected slightly above the TAGMs. There were no VOCs detected in any of the soil samples. (See Tables 1-1a-1c, 2-1a-1c, 3 and Appendix B).

Soil boring B-4, which is located in the employee parking area, was drilled to a total depth of 12 feet bls. A soil sample from each 4 foot interval was sent to the laboratory for analyses. The results indicate the presence of eighteen SVOCs, with Fluoranthene having the highest concentration of 53000 ug/Kg. Fluoranthene and eight additional SVOCs were detected above the TAGMs. There was only one VOC detected in all of the soil samples. Napthalene was detected at concentrations of 34 and 65 ug/Kg. Soil samples were not analyzed for RCRA metals. (See Tables 1-2a-2c, 2-2a-2c, and Appendix B).

Soil boring B-5, which is located in the employee parking area, was drilled to a total depth of 16 feet bls. A soil sample from each 4 foot interval was sent to the laboratory for analyses. The results indicate the presence of two SVOCs, with Fluoranthene having the highest concentration of 6000 ug/Kg. Six SVOCs were detected above the TAGMs. There was only one VOC detected in all of the soil samples. Napthalene was detected at concentrations of 21 and 74 ug/Kg. The results indicate the presence of six RCRA metals. Three metals, Cadmium, Chromium and Mercury were detected slightly above the TAGMs. (See Tables 1-1a, 2-2a, 3 and Appendix B)

Soil boring B-6, located north east of the Fuel Tank Area, was drilled to a total depth of 20 feet bls. A soil sample from the 0-4, 4-8 and 16-20 foot intervals were sent to the laboratory for analyses. The results indicate the presence of nine SVOCs with Fluoranthene having the highest concentration of 250 ug/Kg. One SVOCs was detected above the TAGMs. The results indicate the presence of six RCRA metals. Three metals, Cadmium, Chromium and Mercury were detected slightly above the TAGMs. There were no VOCs detected in any of the samples. (See Tables 1-2a-2c, 2-2a-2c, 3 and Appendix B).

Soil boring B-7 located on the northern edge of the Fuel Tank Area, was drilled to a total depth of 12 feet bls. A soil sample from the 0-4 and 4-8 foot interval was sent to the laboratory for analyses. The results indicate the presence of eleven SVOCs with Fluoranthene having the highest concentration of 4700 ug/Kg. Five SVOCs were detected above the TAGMs. There was only one VOC detected in all of the soil samples. Trichloroethylene was detected at a concentration of 14 ug/Kg. Soil samples were not analyzed for RCRA metals. (See Tables 1-2a-2c, 2-2a-2c, and Appendix B).

Soil boring B-8 located on the eastern edge of Building 2, was drilled to a total depth of 8 feet bls. A soil sample from the 0-4 and 4-6 foot interval was sent to the laboratory for analyses. The results indicate the presence of eight SVOCs with Fluoranthene having the highest concentration of 2100 ug/Kg. Three SVOCs were detected above the TAGMs. There were two VOCs detected in all of the soil samples. 124-Trimethylbenzene and Napthalene were detected at 7 and 14 ug/Kg respectively. Soil samples were not analyzed for RCRA metals (See Tables 1-2a-2c, 2-2a-2c, and Appendix B).

Soil boring B-9 located at the northern end of Building 1, was drilled to a total depth of 4 feet bls. A soil sample from the 0-4 foot interval was sent to the laboratory for analyses. The results indicate the presence of eleven SVOCs with Fluoranthene having the highest concentration of 3200 ug/Kg. Three SVOCs were detected above the TAGMs. There was one VOC detected in all of the soil samples. Napthalene was detected at 6.8 ug/Kg respectively. The results indicate the presence of two RCRA metals; Chromium and Mercury were detected slightly above the TAGMs. (See Tables 1-3a-3c, 2-3a-3c, 3 and Appendix B).

Soil boring B-10 located at the northern end of Building 36, was drilled to a total depth of 4 feet bls. A soil sample from the 0-4 foot interval was sent to the laboratory for analyses. The results indicate the presence of one SVOCs (Fluoranthene, 380 ug/Kg). The results indicate the presence of all eight RCRA metals. None of the metals were detected above the TAGMs. There were no VOCs detected in the any of the samples. (See Tables 1-3a-3c, 2-3a-3c, 3 and Appendix B).

Soil boring B-11 located at the eastern edge of Building 36, was drilled to a total depth of 4 feet bls. A soil sample from the 0-4 foot interval was sent to the laboratory for analyses. The results indicate the presence of six RCRA metals. One metal, Chromium was detected slightly above

the TAGMs. There were no SVOCs or VOCs detected in the any of the samples. (See Tables 1-3a-3c, 2-3a-3c, 3 and Appendix B).

Soil boring B-12 located at the eastern edge of the property along South 3rd Street, was drilled to a total depth of 20 feet bls. A soil sample from the 0-4 and 16-20 foot interval was sent to the laboratory for analyses. The results indicate the presence of nine SVOCs with Fluoranthene having the highest concentration of 2800 ug/Kg. Six SVOCs were detected above the TAGMs. The results indicate the presence of six RCRA metals. One metal, Chromium was detected slightly above the TAGMs. There were no VOCs detected in the any of the samples. (See Tables 1-3a-3c, 2-3a-3c, 3 and Appendix B).

Soil boring B-13 located between Buildings 12 and 8, was drilled to a total depth of 8 feet bls. A soil sample from the 0-4 foot interval was sent to the laboratory for analyses. The results indicate the presence of six SVOCs with Fluoranthene having the highest concentration of 890 ug/Kg. Three SVOCs were detected above the TAGMs. The results indicate the presence of six RCRA metals. One metal, Chromium was detected slightly above the TAGMs. There were no VOCs detected in the any of the samples. (See Tables 1-3a-3c, 2-3a-3c, 3 and Appendix B).

Soil boring B-14 located at the western edge of the property along South 2nd Street between Buildings 1 and 3, was drilled to a total depth of 4 feet bls. A soil sample from the 0-4 foot interval was sent to the laboratory for analyses. The results indicate the presence of thirteen SVOCs with Fluoranthene having the highest concentration of 6700 ug/Kg. Six SVOCs were detected above the TAGMs. The results indicate the presence of six RCRA metals. One metal, Mercury was detected slightly above the TAGMs. There was one VOC detected in the soil sample. Freon113 was detected at 12 ug/Kg.. (See Tables 1-3a-3c, 2-3a-3c, 3 and Appendix B).

Soil boring B-15, located in the middle of Building 1, was drilled to a total depth of 8 feet bls. A soil sample from the 0-4 and 4-8 foot interval was sent to the laboratory for analyses. The results indicate the presence of eleven SVOCs with Fluoranthene having the highest concentration of 4400 ug/Kg. Six SVOCs were detected above the TAGMs. There was one VOC detected in both soil samples. Freon113 was detected at 7.1 and 12 ug/Kg respectively. Soil samples were not analyzed for RCRA metals. (See Tables 1-3a-3c, 2-3a-3c, and Appendix B).

Soil boring B-16, located at the southern edge of Building 1, was drilled to a total depth of 8 feet bls. A soil sample from the 4-8 foot interval was sent to the laboratory for analyses. The results indicate the presence of twelve SVOCs with Fluoranthene having the highest concentration of 5700 ug/Kg. Six SVOCs were detected above the TAGMs. The results indicate the presence of six RCRA metals. Two metals, Chromium and Mercury were detected slightly above the TAGMs. There were no VOCs detected in the soil sample. (See Tables 1-3a-3c, 2-3a-3c, 3 and Appendix B).

5.2 GROUND WATER SAMPLES

Monitoring Well W-1 is located northeast of the Fuel Tank Area. The depth to water is 18 feet bls. A ground water sample from the 18 to 20 foot interval was sent to the laboratory for analyses. The results indicate the presence of one VOCs (Trichloroethylene) having a concentration of 2 ug/l. The results also indicate the presence of two SVOCs (Bis(2-chloroethylhexyl)phthalate and Di-n-Butyl Phthalate) having a concentrations of 2.4 and 1.1 ug/l respectively. The ground water sample was not analyzed for RCRA metals. (See Tables 4-1a-1c, 4-2a-2c, and Appendix B).

6.0 FINDINGS

SOIL

SVOCs are the major site soils contaminant, with eight compounds, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Phenanthrene and Pyrene, being the most predominant SVOCs. Generally, SVOCs in the soils are at their greatest concentration in the shallow subsurface soils across the site (historic fill material).

VOCs were identified at very low ug/Kg concentrations in only four soil borings sampled during the investigation program. The VOCs identified were Acetone, Benzene, 124-Trimethylbenzene, Freon 113 and Naphthalene.

The majority of the RCRA Metals were identified in the shallow subsurface soils across the site (historic fill material). Three metals, Cadmium, Chromium and Mercury were detected slightly above the TAGMs in nine of the soil borings.

GROUND WATER

Ground water was analyzed for VOCs and SVOCs. Only one VOC (Trichloroethylene) and two SVOCs (Bis(2-chloroethylhexyl)phthalate and Di-n-Butyl Phthalate) were detected. Their concentrations were well below the TAGM cleanup standards.

7.0 CONCLUSIONS

The New York State Department of Environmental Conservation has recommended soil and ground water cleanup objectives (TAGM #4046) for VOCs, SVOCs and Metals. The following conclusions were noted based upon a review of the TAGM #4046 recommended cleanup objectives:

- The soil and ground water samples which contained the presence of VOCs did not exceed the individual contaminant soil or ground water cleanup criteria.
- A number of semi-volatile organic compounds (SVOCs) were identified at various locations throughout the site above the soil cleanup criteria. These compounds are generally prevalent in the environment, and were most likely introduced at the site in the historic fill that was used throughout.
- Chromium, Cadmium and Mercury were found, at concentrations that slightly exceeded the metals soil cleanup criteria, in several borings at various locations on the site. According to the Technical and Administrative Guidance Memorandum #4046 (TAGMs), the NYSDEC has determined that each site is different., and therefore site specific metals which are native in the subsurface soils should be taken into consideration when applying the cleanup standards. The chemical make up of these native soils represents the sites background levels. The concentrations of metals detected at the subject site can be considered part of the site background conditions. Therefore, since there was little variation in concentrations across the site, it is unlikely that it will be construed as an exceedance of the standard or cleanup objective.

8. RECOMMENDATIONS

The subject site has been adequately investigated. At this point in time, there is no requirement to perform any remedial action at the site.

FIGURE 1. SITE PLAN

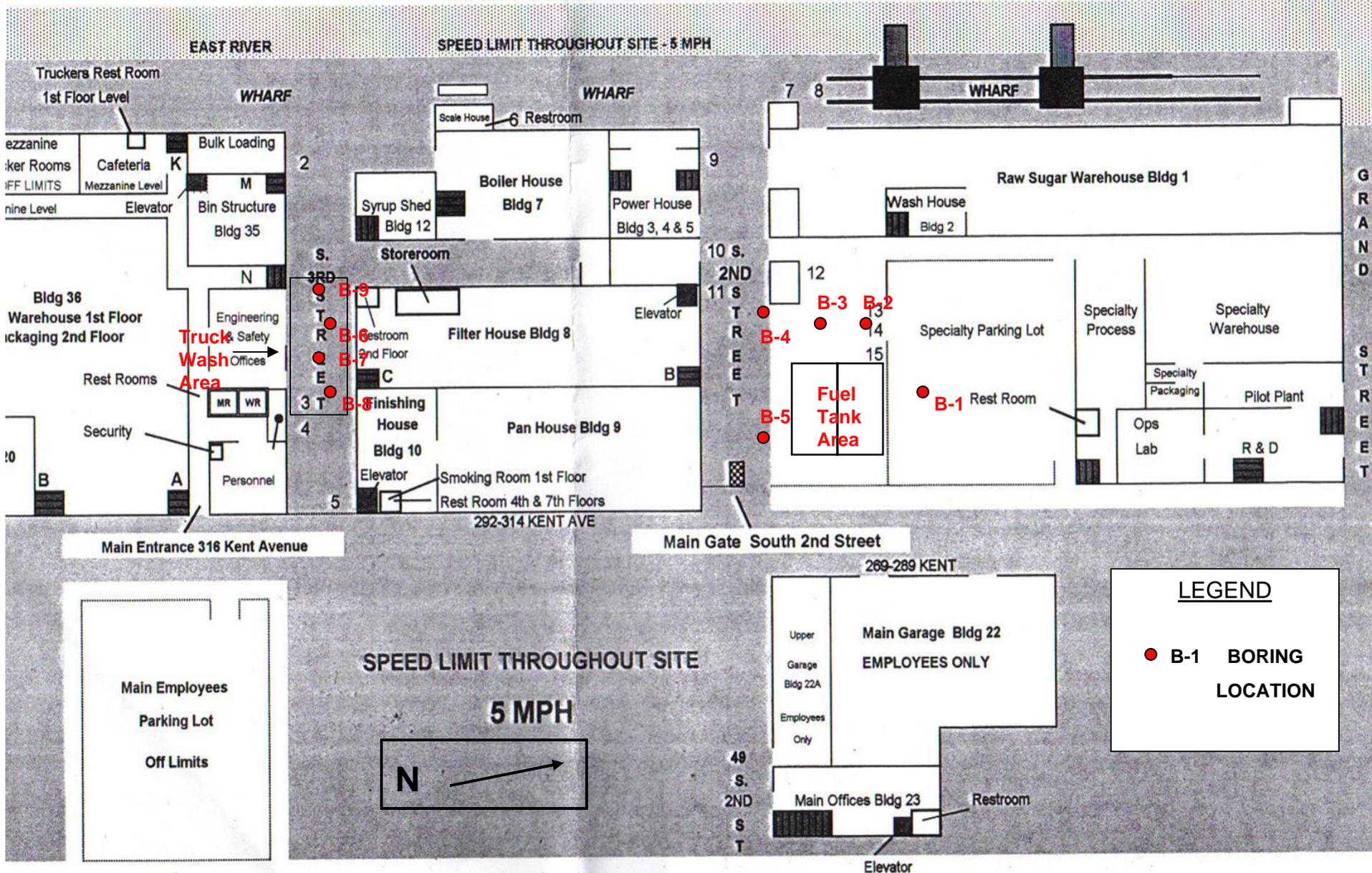


Table 1-2c														
Concentrations of Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York														
Sample ID:	B-4	B-4	B-4	B-5	B-5	B-5	B-5	B-6	B-6	B-6	B-7	B-7	B-8	B-8
Sample Date:	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23
Depth:	0-4 ft	4-8 ft	8-12 ft	0-4 ft	4-8 ft	8-12 ft	12-16 ft	0-4 ft	4-8 ft	16-20 ft	0-4 ft	4-8 ft	0-4 ft	4-6 ft
Analytes (ug/Kg)														
m + p Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylisobutylketone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene(v)	34	BDL	65	74	BDL	21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12
o Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p Diethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Ethyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
t-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
t-1,3Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
ter. ButylMethylEther	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	14	BDL	BDL	BDL
Trichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit														

Table 1-3b											
Concentrations of Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York											
Sample ID:	B-9	B-9	B-10	B-11	B-12	B-12	B-13	B-14	B-15	B-15	B-16
Sample Date:	6/23	6/23	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24
Depth:	0-6 ft	8-12 ft	0-4 ft	0-4 ft	0-4 ft	16-20 ft	0-4 ft	0-4 ft	0-4 ft	4-8 ft	4-6 ft
Analytes (ug/Kg)											
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	120	BDL
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	14	BDL
Bromobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
c-1,3Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorodibromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Freon 113	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12	7.1	12	BDL
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit											

Table 1-3c											
Concentrations of Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York											
Sample ID:	B-9	B-9	B-10	B-11	B-12	B-12	B-13	B-14	B-15	B-15	B-16
Sample Date:	6/23	6/23	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24
Depth:	0-6 ft	8-12 ft	0-4 ft	0-4 ft	0-4 ft	16-20 ft	0-4 ft	0-4 ft	0-4 ft	4-8 ft	4-6 ft
Analytes (ug/Kg)											
m + p Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylisobutylketone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene(v)	6.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
o Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p Diethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Ethyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
t-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
t-1,3Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
ter. ButylMethylEther	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit											

Table 2-1a													
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York													
Sample ID:	B-1	B-1	B-1	B-1	B-1	B-2	B-2	B-2	B-2	B-3	B-3	B-3	B-3
Sample Date:	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23
Depth:	0-4 ft	4-8 ft	8-12 ft	12-16 ft	16-20 ft	0-4 ft	4-8 ft	8-12 ft	12-16 ft	0-4 ft	4-8 ft	8-12 ft	12-16 ft
Analytes (ug/Kg)													
1,2 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
124-Trichlorobenzene (sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chloronaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,3'-Dichlorobenzidine	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Bromophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chloroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acenaphthene	BDL	BDL	BDL	BDL	BDL	330	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Anthracene	BDL	BDL	BDL	BDL	BDL	1200	BDL	BDL	BDL	BDL	37	BDL	BDL
Benzo(a)anthracene	BDL	BDL	BDL	BDL	BDL	3600	BDL	510	400	BDL	120	BDL	BDL
Benzo(a)pyrene	BDL	BDL	BDL	BDL	BDL	3000	BDL	1400	430	BDL	140	BDL	BDL
Benzo(b)fluoranthene	BDL	BDL	BDL	BDL	BDL	3100	BDL	1200	380	BDL	120	BDL	BDL
Benzo(ghi)perylene	BDL	BDL	BDL	BDL	BDL	1400	BDL	1200	BDL	BDL	86	BDL	BDL
BDL - Below Laboratory Detection Limit													
Concentration(3600) - Above the TAGMs Cleanup Objective													

Table 2-2a														
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York														
Sample ID:	B-4	B-4	B-4	B-5	B-5	B-5	B-5	B-6	B-6	B-6	B-7	B-7	B-8	B-8
Sample Date:	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23
Depth:	0-4 ft	4-8 ft	8-12 ft	0-4 ft	4-8 ft	8-12 ft	12-16 ft	0-4 ft	4-8 ft	16-20 ft	0-4 ft	4-8 ft	0-4 ft	4-6 ft
Analytes (ug/Kg)														
1,2 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
124-Trichlorobenzene (sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chloronaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methylnaphthalene	710	1500	1400	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,3'-Dichlorobenzidine	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Bromophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chloroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acenaphthene	2500	2900	4000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	350	700	BDL	BDL
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Anthracene	8300	8300	13000	800	BDL	690	BDL	BDL	BDL	BDL	840	1300	BDL	440
Benzo(a)anthracene	<i>21000</i>	<i>16000</i>	<i>23000</i>	<i>3200</i>	<i>490</i>	<i>540</i>	BDL	130	BDL	BDL	<i>1900</i>	<i>2900</i>	<i>660</i>	<i>1200</i>
Benzo(a)pyrene	<i>17000</i>	<i>13000</i>	<i>20000</i>	<i>3300</i>	<i>460</i>	<i>390</i>	BDL	140	BDL	BDL	<i>1800</i>	<i>2900</i>	<i>590</i>	<i>980</i>
Benzo(b)fluoranthene	<i>16000</i>	<i>13000</i>	<i>20000</i>	<i>3100</i>	420	360	BDL	250	BDL	BDL	<i>1900</i>	<i>2900</i>	550	810
Benzo(ghi)perylene	6900	7400	7700	1800	BDL	270	BDL	73	BDL	BDL	850	1300	380	500
BDL - Below Laboratory Detection Limit														
Concentration (3200) - Above the TAGM Cleanup Objective														

Table 2-2c														
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York														
Sample ID:	B-4	B-4	B-4	B-5	B-5	B-5	B-5	B-6	B-6	B-6	B-7	B-7	B-8	B-8
Sample Date:	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23	6/23
Depth:	0-4 ft	4-8 ft	8-12 ft	0-4 ft	4-8 ft	8-12 ft	12-16 ft	0-4 ft	4-8 ft	16-20 ft	0-4 ft	4-8 ft	0-4 ft	4-6 ft
Analytes (ug/Kg)														
N-Nitrosodiphenylamine	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene(sv)	1100	2700	1800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	360	BDL	BDL
Nitrobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Phenanthrene	<i>53000</i>	37000	35000	3100	330	3100	BDL	120	BDL	BDL	3500	5500	740	1100
Pyrene	46000	35000	41000	5900	780	1400	BDL	210	BDL	BDL	4200	7900	830	2100
2,4,5-Trichlorophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4,6-Trichlorophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dichlorophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dimethylphenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methyl-4,6-dinitrophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methylphenol (o-cresol)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Nitrophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chloro-3-methylphenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Methylphenol (p-cresol)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Nitrophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Pentachlorophenol (ms)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Phenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit														
Concentration (53000) - Above the TAGM Cleanup Objective														

Table 2-3a											
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York											
Sample ID:	B-9	B-9	B-10	B-11	B-12	B-12	B-13	B-14	B-15	B-15	B-16
Sample Date:	6/23	6/23	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24
Depth:	0-6 ft	8-12 ft	0-4 ft	0-4 ft	0-4 ft	16-20 ft	0-4 ft	0-4 ft	0-4 ft	4-8 ft	4-6 ft
Analytes (ug/Kg)											
1,2 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4 Dichlorobenzene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
124-Trichlorobenzene (sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chloronaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,3'-Dichlorobenzidine	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Bromophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chloroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorophenyl phenyl ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Nitroaniline	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	610	310	BDL	430
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Anthracene	780	BDL	BDL	BDL	290	BDL	BDL	1000	730	BDL	800
Benzo(a)anthracene	<i>1100</i>	570	BDL	BDL	<i>1200</i>	BDL	<i>430</i>	<i>3000</i>	<i>1600</i>	310	<i>2700</i>
Benzo(a)pyrene	<i>1100</i>	440	BDL	BDL	<i>1300</i>	BDL	<i>360</i>	<i>3100</i>	<i>1600</i>	BDL	<i>2300</i>
Benzo(b)fluoranthene	910	470	BDL	BDL	<i>1200</i>	BDL	310	<i>2700</i>	<i>1500</i>	BDL	<i>2000</i>
Benzo(ghi)perylene	650	BDL	BDL	BDL	830	BDL	BDL	1700	870	BDL	2000
BDL - Below Laboratory Detection Limit											
Concentration (<i>1100</i>) - Above the TAGM Cleanup Objective											

Table 2-3b											
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York											
Sample ID:	B-9	B-9	B-10	B-11	B-12	B-12	B-13	B-14	B-15	B-15	B-16
Sample Date:	6/23	6/23	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24
Depth:	0-6 ft	8-12 ft	0-4 ft	0-4 ft	0-4 ft	16-20 ft	0-4 ft	0-4 ft	0-4 ft	4-8 ft	4-6 ft
Analytes (ug/Kg)											
Benzo(k)fluoranthene	910	470	BDL	BDL	1200	BDL	310	2700	1500	BDL	2000
BenzylButylPhthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bis(2-chloroethoxy)methane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bis(2-chloroethyl)ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bis(2-chloroisopropyl)ether	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bis(2-ethylhexyl)phthalate	BDL	BDL	BDL	BDL	BDL	40	BDL	BDL	BDL	BDL	BDL
Carbazole	380	BDL	BDL	BDL	BDL	BDL	BDL	380	320	BDL	470
Chrysene	1100	490	BDL	BDL	1200	BDL	430	2800	1500	310	2800
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Di-n-octyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibenzo(a,h)anthracene	BDL	BDL	BDL	BDL	310	BDL	BDL	620	310	BDL	350
Dibenzofuran	BDL	BDL	BDL	BDL	BDL	BDL	BDL	270	BDL	BDL	BDL
Diethyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dimethyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Fluoranthene	3200	1200	380	BDL	2800	BDL	890	6700	4400	700	5700
Fluorene	310	BDL	BDL	BDL	BDL	BDL	BDL	410	BDL	BDL	330
Hexachlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachlorocyclopentadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Indeno(1,2,3-cd)pyrene	680	BDL	BDL	BDL	760	BDL	BDL	1500	850	BDL	1200
Isophorone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
N-Nitrosodi-n-propylamine	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit											
Concentration (1100) - Above the TAGM Cleanup Objective											

Table 2-3c											
Concentrations of Semi Volatile Organic Compounds in Soil Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York											
Sample ID:	B-9	B-9	B-10	B-11	B-12	B-12	B-13	B-14	B-15	B-15	B-16
Sample Date:	6/23	6/23	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24	6/24
Depth:	0-6 ft	8-12 ft	0-4 ft	0-4 ft	0-4 ft	16-20 ft	0-4 ft	0-4 ft	0-4 ft	4-8 ft	4-6 ft
Analytes (ug/Kg)											
N-Nitrosodiphenylamine	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene(sv)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	270	BDL	380
Nitrobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Phenanthrene	3100	950	BDL	BDL	1500	BDL	690	4600	2800	680	5000
Pyrene	2600	1000	BDL	BDL	1900	BDL	740	4900	2800	600	5700
2,4,5-Trichlorophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4,6-Trichlorophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dichlorophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dimethylphenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methyl-4,6-dinitrophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methylphenol (o-cresol)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Nitrophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chloro-3-methylphenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Methylphenol (p-cresol)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Nitrophenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Pentachlorophenol (ms)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Phenol	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL - Below Laboratory Detection Limit											

Table 4-1a	
Concentrations of Volatile Organic Compounds in Ground Water Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York	
Sample ID:	W-1
Sample Date:	6/23
Depth:	20 ft
Analytes (ug/l)	
1,1 Dichloroethane	BDL
1,1 Dichloroethene	BDL
1,1-Dichloropropene	BDL
1,2 Dibromoethane	BDL
1,2 Dichlorobenzene (v)	BDL
1,2 Dichloroethane	BDL
1,2 Dichloropropane	BDL
1,3 Dichlorobenzene (v)	BDL
1,3-Dichloropropane	BDL
1,4 Dichlorobenzene (v)	BDL
111 Trichloroethane	BDL
112Tetrachloroethane	BDL
112 Trichloroethane	BDL
1122Tetrachloroethane	BDL
123-Trichlorobenzene	BDL
123-Trichloropropane	BDL
124-Trichlorobenzene (v)	BDL
124-Trimethylbenzene	BDL
1245 Tetramethylbenz	BDL
135-Trimethylbenzene	BDL
2,2-Dichloropropane	BDL
2-Chlorotoluene	BDL
4-Chlorotoluene	BDL
BDL - Below Laboratory Detection Limit	

Table 4-1b	
Concentrations of Volatile Organic Compounds in Ground Water Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York	
Sample ID:	W-1
Sample Date:	6/23
Depth:	20 ft
Analytes (ug/l)	
Acetone	BDL
Benzene	BDL
Bromobenzene	BDL
Bromochloromethane	BDL
Bromodichloromethane	BDL
Bromoform	BDL
Bromomethane	BDL
c-1,2-Dichloroethene	BDL
c-1,3Dichloropropene	BDL
Carbon Tetrachloride	BDL
Chlorobenzene	BDL
Chlorodibromomethane	BDL
Chlorodifluoromethane	BDL
Chloroethane	BDL
Chloroform	BDL
Chloromethane	BDL
Dibromochloropropane	BDL
Dibromomethane	BDL
Dichlorodifluoromethane	BDL
Ethyl Benzene	BDL
Freon 113	BDL
Hexachlorobutadiene	BDL
Isopropylbenzene	BDL
BDL - Below Laboratory Detection Limit	

Table 4-1c	
Concentrations of Volatile Organic Compounds in Ground Water Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York	
Sample ID:	W-1
Sample Date:	6/23
Depth:	20 ft
Analytes (ug/l)	
m + p Xylene	BDL
Methyl Ethyl Ketone	BDL
Methylene Chloride	BDL
Methylisobutylketone	BDL
n-Butylbenzene	BDL
n-Propylbenzene	BDL
Naphthalene(v)	BDL
o Xylene	BDL
p Diethylbenzene	BDL
p-Ethyltoluene	BDL
p-Isopropyltoluene	BDL
sec-Butylbenzene	BDL
Styrene	BDL
t-1,2-Dichloroethene	BDL
t-1,3Dichloropropene	BDL
ter. ButylMethylEther	BDL
tert-Butylbenzene	BDL
Tetrachloroethene	BDL
Toluene	BDL
Trichloroethylene	2
Trichlorofluoromethane	BDL
Vinyl Chloride	BDL
BDL - Below Laboratory Detection Limit	

Table 4-2a	
Concentrations of Semi Volatile Organic Compounds in Ground Water Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York	
Sample ID:	W-1
Sample Date:	6/23
Depth:	20 ft
Analytes (ug/l)	
1,2 Dichlorobenzene(sv)	BDL
1,3 Dichlorobenzene(sv)	BDL
1,4 Dichlorobenzene(sv)	BDL
124-Trichlorobenzene (sv)	BDL
2,4-Dinitrotoluene	BDL
2,6-Dinitrotoluene	BDL
2-Chloronaphthalene	BDL
2-Methylnaphthalene	BDL
2-Nitroaniline	BDL
3,3'-Dichlorobenzidine	BDL
3-Nitroaniline	BDL
4-Bromophenyl phenyl ether	BDL
4-Chloroaniline	BDL
4-Chlorophenyl phenyl ether	BDL
4-Nitroaniline	BDL
Acenaphthene	BDL
Acenaphthylene	BDL
Anthracene	BDL
Benzo(a)anthracene	BDL
Benzo(a)pyrene	BDL
Benzo(b)fluoranthene	BDL
Benzo(ghi)perylene	BDL
BDL - Below Laboratory Detection Limit	

Table 4-2b	
Concentrations of Semi Volatile Organic Compounds in Ground Water Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York	
Sample ID:	W-1
Sample Date:	6/23
Depth:	20 ft
Analytes (ug/l)	
Benzo(k)fluoranthene	BDL
BenzylButylPhthalate	BDL
Bis(2-chloroethoxy)methane	BDL
Bis(2-chloroethyl)ether	BDL
Bis(2-chloroisopropyl)ether	BDL
Bis(2-ethylhexyl)phthalate	2.4
Carbazole	BDL
Chrysene	BDL
Di-n-Butyl Phthalate	1.1
Di-n-octyl Phthalate	BDL
Dibenzo(a,h)anthracene	BDL
Dibenzofuran	BDL
Diethyl Phthalate	BDL
Dimethyl Phthalate	BDL
Fluoranthene	BDL
Fluorene	BDL
Hexachlorobenzene	BDL
Hexachlorobutadiene	BDL
Hexachlorocyclopentadiene	BDL
Hexachloroethane	BDL
Indeno(1,2,3-cd)pyrene	BDL
Isophorone	BDL
N-Nitrosodi-n-propylamine	BDL
BDL - Below Laboratory Detection Limit	

Table 4-2c	
Concentrations of Semi Volatile Organic Compounds in Ground Water Samples Collected in June 2004, Phase III Environmental Assessment, Brooklyn, New York	
Sample ID:	W-1
Sample Date:	6/23
Depth:	20 ft
Analytes (ug/l)	
N-Nitrosodiphenylamine	BDL
Naphthalene(sv)	BDL
Nitrobenzene	BDL
Phenanthrene	BDL
Pyrene	BDL
2,4,5-Trichlorophenol	BDL
2,4,6-Trichlorophenol	BDL
2,4-Dichlorophenol	BDL
2,4-Dimethylphenol	BDL
2,4-Dinitrophenol	BDL
2-Chlorophenol	BDL
2-Methyl-4,6-dinitrophenol	BDL
2-Methylphenol (o-cresol)	BDL
2-Nitrophenol	BDL
4-Chloro-3-methylphenol	BDL
4-Methylphenol (p-cresol)	BDL
4-Nitrophenol	BDL
Pentachlorophenol (ms)	BDL
Phenol	BDL
BDL - Below Laboratory Detection Limit	

ATTACHMENT I
AKRF 2008 Phase II Report

Former Domino Sugar Site

BROOKLYN, NEW YORK

Subsurface (Phase II) Investigation

AKRF Project Number: 11132

Prepared for:

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c/o CPC Resources
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1.0 INTRODUCTION

AKRF, Inc. (AKRF) conducted a subsurface (Phase II) investigation at the Former Domino Sugar Site in the Williamsburg section of Brooklyn, New York. The site is located at 264 to 316 Kent Avenue, which is situated between the East River, South 5th Street, and Grand Street, and a lot at 329 Kent Avenue, which is located between South 3rd and South 4th Streets. The property includes the former Domino Sugar refinery. A site location map and site plan are provided as Figures 1 and 2, respectively. The property is the site of a proposed Southside community project, which includes development of affordable housing, creating public access to and recreational use of the waterfront, and restoring and adaptively reusing the complex of landmarked buildings along the waterfront known as the Refinery.

The Phase II study was completed to determine whether current or former on- or off-site activities have adversely affected the subject property. The scope of the Phase II study is based on the findings of a July 2001 Phase I Environmental Site Assessment (ESA) completed by Environ International Corporations (EIC), a June 2004 Phase I ESA completed by Environmental Health Investigations, Inc. (EHI), a June 2004 Phase II ESA completed by Nova Consulting and Engineering, LLC (Nova), and a June 2004 Phase III ESA completed by Nova. The investigation was conducted in accordance with AKRF's October 2008 Sampling Protocol and Health and Safety Plan, which was submitted to the New York City Department of Environmental Protection (NYCDEP) on October 30, 2008. This report describes the investigation methods and results.

2.0 SITE BACKGROUND

2.1 Site Characterization

The property comprises several vacant buildings and a vacant lot associated with the former Domino Sugar refinery:

- The approximately 9.9-acre waterfront parcel (Block 2414, Lot 1) stretches for approximately 1,300 feet along the East River, is a complex of industrial buildings ranging in height from one to 16 stories. These buildings include warehouses, sugar processing buildings, power-generating facilities, and research and design structures, and are currently unoccupied. The New York City Landmarks Preservation Commission (LPC) designated the three buildings which comprise the Refinery (individually known as the Filter House, the Pan House, and the Finishing House) as New York City Landmarks (NYCLs) on September 25, 2007. All of the East River shoreline along the project site is developed with a platform and bulkhead. The pier/platform, which covers about 1.3 acres over the water, is a pile-supported deck that is in fair to moderate structural condition.
- The upland parcel (Block 2428, Lot 1), now a vacant lot, was formerly used as a parking lot.

The surface topography slopes gently to the west-northwest. Based on United States Geological Survey (USGS) Brooklyn Quadrangle dated 1967 (photorevised 1979), the property lies at an elevation of approximately 30 feet above the National Geodetic Vertical Datum (NGVD) of 1929 (an approximation of mean sea level) along the eastern side of the site to approximately 10 feet along the East River. Based on geologic information provided by Nova in a Phase II and Phase III ESA, groundwater was encountered at depths ranging from 6 to 24 feet below grade. Nova documented that the shallow zones of saturation were perched on thin unconsolidated layers of sand, silt and clay. Based on local topography, groundwater most likely flows in a westerly direction toward the East River, located along the western property boundary. Actual groundwater flow direction and depth can be affected by many factors including tidal influence,

underground openings or obstructions such as basements, and other factors beyond the scope of this study.

2.2 Previous Environmental Investigation

Phase I Environmental Site Assessment, Domino Sugar Refinery, 264-366 and 329 Kent Avenue, Brooklyn, NY, Environmental Health Investigations, Inc., June 2004

The assessment documented that the northern portion of the site housed a research laboratory, fuel oil tank farm, raw sugar warehouse, wash house, storage tanks for sugar liquor, and office space. The central section housed boilers and turbines used to generate heat and electricity for the plant operations and buildings. The southern portion housed office, packaging, and warehousing operations. A tanker truck washing station, located between the central and southern sections of the project site (along South 3rd Street), was identified as a potential environmental concern due to the potential of contaminants entering the subsurface during the washing operations. Raw materials used at the facility included sugar liquor, processing aids (i.e., diatomaceous earth, decolorizing resin, and pH adjustment chemicals), and additives (i.e., maltodextrin, cornstarch, and cinnamon).

The facility contained two (2) 200,754-gallon No. 6 fuel underground storage tanks (USTs). The two USTs ("tank farm") were regulated by the New York State Department of Environmental Conservation (NYSDEC) as a Major Oil Storage Facility (MOSF). As part of the MOSF permit, the facility conducted annual ground monitoring from four wells and no contaminants were detected above NYSDEC standards. Visible staining was observed on the ground surface in the vicinity of the tank farm. Four additional former USTs (one 1,000-gallon gasoline, two 3,000-gallon diesel fuel, and one 1,500-gallon of unknown contents) were used at the site. While no closure documentation was available, these smaller USTs were removed or closed-in-place between 1948 and 1989. Several aboveground storage tanks (ASTs), including one 274-gallon diesel fuel, two 275-gallon waste oil, and one 560-gallon sodium hydroxide tanks, were used at the facility.

Non-hazardous wastes generated at the facility included general refuse (garbage), used oils, oily rags, used absorbent pads, cardboard, and paper. Hazardous wastes generated included laboratory chemicals and lead paint from facility renovations.

Earth Tech Inc. conducted an asbestos survey of the facility in 1998, and in May 2004, Precision Environmental conducted a limited assessment of potential asbestos-containing materials. Asbestos-containing materials were identified throughout the facility despite various asbestos abatement projects that were undertaken at the facility since the 1980s. Additional survey and abatement would be required to remove all asbestos-containing materials prior to renovation or demolition of the buildings and redevelopment of the project site.

Based upon the regulatory database search and local records review, six petroleum spills associated with the project site were reported to NYSDEC. The spills ranged in volume from 5 to 126 gallons. All of the spills have since been closed by NYSDEC. The storage tanks at the project site were identified on NYSDEC UST, chemical bulk storage, and major oil storage facilities (MOSF) databases. Radiac Research was identified on the treatment, storage, and disposal facility (TSDF) database. Excluding the Radiac Research facility, none of the other surrounding facilities identified in the database search posed a potential concern with respect to impact to soil or groundwater at the project site.

Phase II Environmental Site Assessment (ESA), Nova Consulting and Engineering, LLC, June 2004

A Phase II Environmental Site Assessment was completed by Nova in June 2004 to investigate the area of the tank farm and truck washing area. Soil samples were collected from nine borings for laboratory analysis of volatile organic compounds (VOCs) and semi volatile organic compounds (SVOCs). Samples analyzed for VOCs were detected at low concentrations below NYSDEC Recommended Soil Cleanup Objectives (RSCOs) Technical and Administrative Guidance Memorandum (TAGM) #4046. Samples analyzed for SVOCs contained concentrations of benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, dibenzo(a,h)anthracene, and phenanthrene above NYSDEC RSCOs. The SVOCs detected were attributed to the presence of historic fill material.

Phase III Environmental Site Assessment (ESA), Nova Consulting and Engineering, LLC, June 2004

A Phase III Environmental Site Assessment was completed by Nova in June 2004 to investigate the former raw sugar warehouse (historic coal storage area), the main warehouse (Building 36), and other locations throughout the site. Soil samples were collected from 16 borings for laboratory analysis of VOCs, SVOCs, and metals. Low concentrations of VOCs were detected in the soil samples, including acetone, benzene, Freon, toluene, and 1,2,4-trimethylbenzene, all at levels well below the NYSDEC RSCOs. Samples analyzed for SVOCs contained concentrations benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and phenanthrene above the NYSDEC RSCOs. Metals were detected in the soil samples, including cadmium, chromium, and mercury above the NYSDEC RSCOs. The SVOCs and metals detected in the soil samples were attributed to the presence of historic fill material. One groundwater sample was collected from a well installed northeast of the tank farm, which was analyzed for VOCs and SVOCs. The groundwater sample contained low levels of trichloroethylene, bis(2-ethylhexyl)phthalate, and di-n-butyl phthalate below the NYSDEC groundwater standards. No other VOCs or SVOCs were detected in the groundwater sample.

The site investigation activities documented the presence of SVOCs and metals in the site subsurface associated with historic fill material.

3.0 FIELD ACTIVITIES

Field activities were conducted from November 4 to November 7, 2008, by AKRF personnel and ZEBRA Environmental Corporation of Lynbrook, New York (ZEBRA). Twelve borings (SB-1 through SB-10, SB-12, and SB-13) were advanced using a track-mounted Geoprobe® direct push probe (DPP) unit to a depth of 5 to 35 feet below grade. The boring locations are shown on Figure 2. Only one soil boring (SB-11) could not be completed as proposed. Seven attempts were made to core through the concrete floor throughout the loading dock area, but the coring tools were restricted by reinforced concrete. The proposed area for boring location SB-7 (boiler room) was not accessible due to an immobile overhead door; boring SB-7 was moved to the exterior alley adjacent to the former boiler. The proposed area for boring location SB-10 (Adant house) could not be completed due to a sub floor that was beyond reach of the coring tools; SB-10 was moved to an adjacent wall of the Adant House.

Borings located inside existing buildings (SB-1, SB-2, and SB-4 through SB-11) were drilled from a sub-grade basement. Exterior borings (SB-3, SB-12, and SB-13) were drilled from grade. Details regarding the rationale for each boring location are provided in the following table:

Boring Locations

Location	Rationale
SB-1	Development Site A - Area of former research and development lab at northern/upgradient portion of property
SB-2	Development Site A - Area of former warehouse at northern/downgradient portion of property
SB-3	Development Site B - Area downgradient of former tank farm at northern/upgradient portion of property
SB-4	Development Site B - Area of former warehouse at northern/downgradient portion of property
SB-5	Refinery - Area of former finishing house at central/upgradient portion of property
SB-6	Refinery - Area of former filter and pan house at central/upgradient portion of property
SB-7	Park - Area adjacent to former boiler house at central/downgradient portion of property
SB-8	Development Site C - Area of former packaging house at southern/central portion of property
SB-9	Development Site C - Area of former machine shop/bin room at downgradient portion of property
SB-10	Development Site D - Area adjacent to former Adant house at southern/upgradient portion of property
SB-11	No samples – Unable to core through concrete floor
SB-12	Development Site E - General subsurface conditions at downgradient portion of former employee parking lot
SB-13	Development Site E - General subsurface conditions at upgradient portion of former employee parking lot
W-4	Development Site B – Existing monitoring well located adjacent to former tank farm

3.1 Soil and Groundwater Sampling and Analysis

Soil samples were collected using four-foot long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with an internal acetate liner. Soil was field-screened using a photoionization detector (PID), which measures relative concentrations of volatile organic compounds (VOCs) in the soil. The headspace of each soil sample was screened for VOCs by opening a cavity in a portion of the liner/soil and placing the probe of a Thermo 580B PID inside the cavity. At each boring location, AKRF field personnel recorded and documented subsurface conditions. Soil boring logs are provided in Appendix A.

Soil samples designated for laboratory analysis were selected based on field observations (e.g., presence of odors or staining) or PID readings. In accordance with the sampling protocol, up to two samples were collected from each boring. One shallow sample was collected from the first five feet of the boring, and a second sample was collected from a deeper interval where the

greatest evidence of field contamination (odor, staining and photoionization detector (PID) readings) is observed, if present; otherwise if no evidence of contamination is present, the second sample was collected immediately above the soil-water interface. If the water table was encountered less than 5 feet from the basement floor, only one sample was collected from the boring. Based on field observations, one soil sample was collected from borings SB-1, SB-5, SB-6, and SB-8, and two soil samples were collected from the remaining borings for laboratory analysis.

The work plan indicated that groundwater samples would be collected by installing temporary monitoring wells into each boring. Due to subsurface conditions (e.g. boulders, buried structures, dense material) the drilling equipment was unable to be advanced into the saturated zone at S-1, S-4, S-8, and S-12. Seven groundwater samples were collected from borings SB-2, SB-5, SB-6, SB-7, SB-9, SB-10, and SB-12 from temporary 1-inch monitoring wells installed in the borings; no permanent wells were installed. One groundwater sample (W-4) was collected from existing monitoring well W-4, which is located adjacent to the northeastern corner of the fuel tank farm area, and was collected in place of the proposed water sample from borings SB-3.

Groundwater samples were collected from temporary wells by inserting plastic tubing into

Samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols. The soil samples were analyzed by Test America, Inc., a New York State Department of Health ELAP-certified laboratory, for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides by EPA Methods 8081, polychlorinated biphenyls (PCBs) by EPA method 8082, and Target Analyte List (TAL) metals. The groundwater samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, TAL Metals (both unfiltered and filtered), pesticides by EPA Method 8081, and PCBs by EPA Method 8082.

3.2 Field Observations

Soil encountered below the paving included urban fill comprising brown to gray fine to coarse sand with varying amounts of fine to medium gravel, silt, concrete, brick, ash, and wood pieces. The urban fill was observed to depths ranging from approximately 10 feet below the subgrade floor grade at boring SB-2 to approximately 22 feet below surface grade at SB-13. The fill was underlain by a well sorted, brown, fine to coarse sand with traces of gravel and silt. Groundwater was encountered at approximately 6 to 8 feet below the subgrade floor, at approximately 12 feet below grade near the fuel tank area, and at approximately 20 to 25 feet below grade in the parking lot.

Organic vapors were detected with the PID and a petroleum-like odor was observed in soil samples collected from 6 to 12 feet below the asphalt surface in boring SB-7. The PID readings ranged from 0.2 parts per million (ppm) at 6 feet below grade to 14.8 ppm at 12 feet below grade. There was no evidence of contamination (PID readings, odors, or staining) observed in soil samples collected from the remaining borings. Results of the field screening activities are provided in the soil boring logs in Appendix A.

3.3 Regulatory Interaction

On November 10, 2008, a spill was reported to the New York State Department of Environmental Conservation (NYSDEC) based on the observations in SB-7. The spill was assigned Spill #0809044. On November 11, 2008, Mr. Shareef Raman of NYSDEC contacted AKRF regarding the reported spill. AKRF provided a summary of the investigation work completed. Mr. Raman requested that the Phase II report be forwarded to NYSDEC for review. On January

9th, 2009, Leszek Zielinski of the NYSDEC Petroleum Bulk Storage (PBS) Compliance Division completed an inspection at the project site. During the inspection, The Refinery LLC proposed removing two inactive 275-gallon aboveground storage tanks and the associated containment structure located along the exterior of the boiler house and adjacent to boring SB-7. The removal is schedule to be completed by March 31, 2009.

4.0 LABORATORY ANALYTICAL RESULTS

4.1 Soil Analytical Results

Results from laboratory analysis of the twenty soil samples were compared to the NYSDEC TAGM #4046 RSCOs and 6 NYCRR Part 375 Remedial Program Soil Cleanup Objectives (SCOs) for Residential Use. It should be noted that these SCOs were developed assuming long-term exposure to surficial soils: a scenario which would not be anticipated to occur in association with the proposed project. In addition, results of the soil metals analyses were compared to the NYSDEC's TAGM 4046 Eastern United States background levels. Soil descriptions, observations, and PID readings were recorded on the soil boring logs provided in Appendix A. Laboratory analytical data sheets are included in Appendix B.

Volatile Organic Compounds

Analytical results for VOCs are presented in Table 1. Methyl ethyl ketone (MEK) was detected in sample SB-3(10-12) and SB-9(5-6) at concentrations of 0.13 parts per million (ppm) and 0.045 ppm, respectively. The concentrations of MEK were below the TAGM and Part 375 SCOs. Acetone was detected in eleven of the twenty samples at concentrations ranging from an estimated 0.0053 ppm to 0.48 ppm. Methylene chloride was detected in sixteen of the twenty samples at concentrations ranging from 0.0017 ppm to 0.016 ppm. Carbon disulfide was detected in four of the twenty samples at concentrations ranging from 0.0021 ppm to 0.025 ppm. Toluene was detected in one sample, SB-3(10-12), at an estimated concentration of 0.0018 ppm.

The concentration of acetone in SB-3(4-6) and SB-3(10-12) exceeded the TAGM RSCO of 0.2 ppm, but was well below the Part 375 SCO of 100 ppm. The remaining detected concentrations were below their respective guidance values. Based on the distribution and levels detected, and the lack of the significant evidence of contamination during the field screening activities, acetone and methylene chloride are likely attributable to laboratory contamination rather than a release or spill. Acetone was also detected in the field blank.

Semivolatile Organic Compounds

Analytical results for VOCs presented in Table 2. SVOCs were detected in eighteen of the twenty samples.

Twenty-one SVOCs were detected, with concentrations of seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene and/or indeno(1,2,3-cd)pyrene] exceeding the TAGM RSCOs and/or Part 375 SCOs in one or more of the following samples: SB-2(2-4), SB-2(7-9), SB-3(4-6), SB-3(10-12), SB-4 (0.5-2.5), SB-4(6-7) SB-5(2-4), SB-7(1-3), SB-7(6-7), SB-9(5-6), SB-10(1-3), SB-12(1-3), and SB-13(1-3). The concentration of benzo(a)pyrene and dibenzo(a,h)anthracene in sample SB-2 (2-4) only exceeded the TAGM RSCOs. The concentrations of SVOCs ranged from below method detection limits to 37 ppm of fluoranthene in sample SB-12 (1-3).

All of the SVOCs detected were PAHs. SVOC results in soil samples collected from SB-7, where evidence of petroleum contamination was documented during field screening, were consistent with the SVOC detections throughout the site and only contained one compound (dibenz(a,h)anthracene) that was above the TAGM RSCO and the Part 375 SCOs. Naphthalene, which is an SVOC typically associated with a petroleum release, was not detected in soil samples collected from SB-7. No evidence of a release or spill (e.g., odors, staining, or significant PID readings) were noted in the remaining samples that contained SVOCs above their respective criteria or guidance values.

Metals

Twenty-three metals were detected in the soil samples. Each sample contained between one and ten of the following compounds at concentrations that exceeded the TAGM RSCOs: arsenic, beryllium, cadmium, chromium, copper, iron, mercury, nickel, selenium, and zinc. The concentration of arsenic in SB-3 (4-6), SB-3(10-12), and SB-5(2-4), lead in SB-3(10-12), SB-4(0.2-2.5), SB-13(1-3), and barium, chromium and copper in SB-3(10-12), exceeded their respective Part 375 SCO. Five metals compounds (arsenic, calcium, lead, nickel, and magnesium) exceeded Eastern U.S. background levels in one or more of the following samples: SB-2(2-4), SB-2(7-9), SB-3(4-6), SB-3(10-12), SB-4 (0.5-2.5), SB-5(2-4), SB-9 (5-6), SB-10(1-3), SB-10(5-7), SB-12(1-3), and SB-13(1-3). In particular, lead at a concentration of 17,900 ppm was detected in sample SB-3(10-12').

Urban fill frequently exhibits elevated levels of metals from past urban development. Based on the nature, depth and distribution detected, the detected concentrations of metals, including the elevated lead and mercury, are likely attributable to the urban fill.

Analytical results for metals are presented in Table 3.

Pesticides and PCBs

Between one and ten pesticide compounds were detected in eleven of the twenty samples, but at levels well below their respective TAGM RSCOs and Part 375 SCOs. Many of the detections were at estimated concentrations below the laboratory method reporting limit. There is no established TAGM RSCO or Part 375 SCO for endrine aldehyde, endrine ketone, or toxaphene; however, the concentrations were consistent with all of the detections. Based on the levels of the detected pesticides, their widespread presence in both surface and deep soil samples, the detected concentrations of pesticides are likely due to the urban fill present at the site.

Analytical results for pesticides are presented in Table 4.

PCB 1254 was detected in SB-3(4-6) at a concentration of 0.032 ppm. PCB 1260 was detected in SB-3 (4-6), SB-7(1-3), SB-9 (5-6), and SB-13(1-3) at estimated concentrations ranging from 0.0061 ppm to 0.016 ppm. All of the PCB detections were well below the TAGM 4046 RSCO and Part 375 SCO of 1 ppm. The random, low detections of PCBs are likely attributable to the urban fill.

4.2 Groundwater Analytical Results

Groundwater samples were collected from borings SB-2, SB-5, SB-6, SB-7, SB-13, and existing monitoring well W-4 for laboratory analysis. Analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards (drinking water standards), although groundwater is not used as a potable source in Brooklyn.

Volatile Organic Compounds

MEK was detected in SB-2 at a concentration of 140 parts per billion (ppb), which exceeded the Class GA standard of 50 ppb. Cis-1,2-dichloroethylene (DCE), tetrachloroethene (PCE) and trichloroethene (TCE) were detected in groundwater sample SB-13 at concentrations of 5.5 ppb, 5.7 ppb, and 27 ppb. These concentrations exceeded the Class GA standard of 5 ppb for cis 1,2-DCE, PCE and TCE. Acetone, which was detected in four of the six groundwater samples, was also detected in the trip blank and field blank and is not likely related to site contamination. No other VOCs were detected.

MEK is widely used in paints, coatings, rubber based cement and printing inks. MEK was not detected in soil samples for SB-2, or the upgradient SB-1. PCE and TCE (which breaks down into cis-1,2-DCE) are solvents used in degreasing operations. The presence of MEK in SB-2 (northern border of property) and PCE and TCE in SB-13 (upgradient border of property and upgradient of the industrial complex) maybe attributable to regional groundwater quality that has been affected by past industrial and manufacturing operations in the surrounding area and not to not necessarily attributable to an on-site spill or release.

Analytical results for VOCs are summarized in Table 5.

Semivolatile Organic Compounds

4-Methylphenol was detected in SB-2 at a concentration of 37 ppb, which exceeds the Class GA standard of 1 ppb. Bis(2-ethylhexyl)phthalate was detected in SB-6 at an estimated concentration of 3.7 ppb, which was below the Class GA standard of 5 ppb. Eight to 14 SVOCs were detected in SB-5, SB-7 and SB-13 at concentrations ranging from an estimated 1 ppb of pyrene (SB-13) to 42 ppb of bis(2-ethylhexyl)phthalate (SB-13). Of these detections, several SVOCs, including benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, and ideno(1,2,3-cd)pyrene, exceeded their respective Class GA standard. SVOCs were not detected in sample W-4.

Bis(2-ethylhexyl)phthalate is a compound commonly found in plastics and is often a laboratory/sampling artifact or associated with plastics in urban fill material. Small amounts of fill material can become entrained in the groundwater samples, which are not filtered when agitated by the sampling process. The remaining detected compounds are also likely due to suspended sediments. Naphthalene, which is typically detected in groundwater contamination due to a release of petroleum, was not detected in SB-7 where evidence of petroleum contamination was observed during field screening. The SVOC compounds and concentrations detected in groundwater at SB-7 were consisted with the site-wide groundwater quality indicating the detections are associated with fill material and/or general groundwater quality in the area.

Results for SVOC analyses are presented in Table 6.

Metals

Twenty metals were detected, thirteen at concentrations above Class GA standards in the total (unfiltered) samples (arsenic, barium, beryllium, chromium, copper, iron, lead, magnesium, manganese, nickel, selenium, sodium, and zinc). In the filtered samples (dissolved metals analyses), only iron, magnesium, manganese and sodium were detected at concentrations above their respective Class GA standards. In addition, several of the metals detected in the unfiltered samples were not detected in the filtered samples.

The majority of the metals concentrations were significantly reduced by the sample filtering process, suggesting that detected metals are primarily due to suspended sediments in the samples.

The magnesium, manganese and sodium detected above Class GA standards in the dissolved metals analyses (filtered samples) are likely attributable to the presence of brackish water (due to the adjacent East River) in the samples. The remainder of the dissolved metals detected were below Class GA standards and are typical of groundwater quality in New York City and are not indicative of a release or spill.

Analytical results for metals are presented in Table 7 (total metals) and Table 8 (dissolved metals).

Pesticides and PCBs

Delta-BHC and gamma-chlordane were detected in sample SB-2 at estimated concentrations that were below the laboratory reporting limit and well below the Class GA standards. Gamma-chlordane was also detected in the field blank. PCBs were not detected in the groundwater samples.

5.0 CONCLUSIONS AND RECOMMENDATIONS

AKRF conducted a subsurface (Phase II) investigation at the former Domino Sugar refinery in Brooklyn to determine whether past or present on- or off-site activities have adversely affected the site. The scope included the collection and laboratory analysis of twenty soil samples and six groundwater samples.

Soil encountered below the building, around the fuel tank area, and former parking area primarily consisted of urban fill (brown to gray sand with traces of silt, fine to medium gravel concrete, brick and ash). Boring depths ranged from 5 to 25 feet below the sub-grade floor of the industrial complex, and 20 to 35 feet below grade beneath the parking area. Groundwater was encountered at approximately 6 to 8 feet below the sub-grade floor of the site buildings, at approximately 12 feet below grade near the fuel tank area, and at approximately 20 to 25 feet below grade in the parking lot. Results of the field screening and soil sampling were as follows:

- Organic vapors were detected with the PID and a petroleum-like odor was observed in soil samples collected from 6 to 12 feet below the asphalt surface in boring SB-7. The PID readings ranged from 0.2 parts per million (ppm) at 6 feet below grade to 14.8 ppm at 12 feet below grade. On November 10, 2008, a spill was reported to the New York State Department of Environmental Conservation (NYSDEC) based on the observations in SB-7. The spill was assigned Spill #0809044. There was no evidence of contamination (PID readings, odors, or staining) observed in soil samples collected from the remaining borings.
- Up to five VOCs including acetone, carbon disulfide, MEK, methylene chloride, and toluene were detected in 18 of the 20 samples. The concentrations of acetone in SB-3 (4-6) and SB-3(10-12) exceeded the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum #4046 (TAGM) Recommended Soil Cleanup Objectives (RSCOs), but were well below the NYSDEC 6 NYCRR Part 375 Remedial Program Soil Cleanup Objectives (SCOs) for Residential Use. The remaining detected VOCs were below TAGM RSCOs and Part 375 SCOs. Based on the distribution and levels detected, and the lack of any significant evidence of contamination during the field screening activities, the VOCs are attributable to the urban fill and not a release or spill.
- Twenty-one SVOCs were detected, with one to seven SVOCs exceeding their respective TAGM RSCOs or Part 375 SCOs in fourteen samples. All of the SVOCs detected were PAHs consistent with the observed urban fill. SVOC results in soil samples collected from SB-7, where evidence of petroleum contamination was documented during field screening, were consistent with the SVOC detections throughout the site and only contained one compound (dibenz(a,h)anthracene) that was just above the TAGM RSCOs. Napthalene, which is a compound typically detected in a petroleum release, was not detected in soil samples collected from SB-7.
- Twenty-three metals were detected, with one to ten metals exceeding their respective TAGM RSCOs in each sample, and up to five metals exceeding their respective Part 375 SCOs in five samples. Between one and five metals compounds (arsenic, calcium, lead, nickel, and magnesium) exceeded Eastern U.S. background levels in eleven samples. In particular, lead at a concentration of 17,900 ppm was detected in sample SB-3(10-12'). Five metals were detected at concentrations that exceeded the NYSDEC's Technical and Administrative Guidance Memorandum (TAGM) 4046 Eastern United States background levels in three samples. In particular, elevated lead and mercury were detected in two samples. However, all of the metals concentrations are likely attributable to urban fill material rather than to a release or spill.

- Between one and ten pesticides (4,4'-DDD, 4,4'-DDT, beta-BHC, endosulfan sulfate, endrin, endrin ketone, gamma-chlordane, heptachlor epoxide, methoxychlor, and toxaphene) were detected in eleven of the twenty samples, but all at levels well below the TAGM RSCOs and Part 375 SCOs.
- PCBs were detected in five randomly located samples at low concentrations below the TAGM RSCOs and Part 375 SCOs.

Results of the groundwater sampling were as follows:

- Methyl ethyl ketone (MEK) was detected in SB-2 at a concentration that exceeded the NYSDEC Class GA Ambient Water Quality Standards (drinking water standards). Cis 1,2-dichloroethylene (DCE), tetrachloroethene (PCE) and trichloroethene (TCE) were detected in groundwater sample SB-13 at concentrations of 5.5 parts per billion (ppb), 5.7 ppb, and 27 ppb, which exceeded the Class GA standard of 5 ppb for each compound. SB-2 was located on the northern end of the property, and SB-13 was located on the upgradient side of the parking lot, which is upgradient of the industrial complex. The absence of these VOCs in soil in the vicinity of the wells, and their location suggest these compounds are likely attributable to regional groundwater quality, i.e., affected by past industrial/manufacturing operations in the area. Acetone, which was detected in four of the six groundwater samples, was also detected in the trip blank and field blank and is likely an artifact of laboratory contamination and not related to site contamination.
- Eight to fourteen SVOCs were detected in sample SB-2, SB-5, SB-6, SB-7, and SB-13. Of these detections, 4-methylphenol, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl) phthalate, chrysene, and ideno(1,2,3-cd)pyrene exceeded their respective Class GA standard. The exceedences were detected in SB-5, SB-7 and SB-13. These compounds were detected in the fill materials and small amounts of fill material can become entrained in the samples, which are not filtered, when agitated by the sampling process. Detected SVOCs may also be attributable to general groundwater quality in the area, which has a history of manufacturing. SVOCs were not detected in sample W-4. Napthalene, which is typically detected in groundwater contamination due to a release of petroleum, was not detected in SB-7 where evidence of petroleum contamination was observed during field screening. The SVOC compounds and concentrations detected in groundwater at SB-7 were consisted with the site-wide groundwater quality indicating the detections are associated with fill material and/or general groundwater quality in the area.
- Twenty metals were detected, thirteen at concentrations above Class GA standards in the total (unfiltered) samples. In the filtered samples (dissolved metals analysis), only iron, magnesium, manganese, and sodium were detected above their respective Class GA standards. These results suggest that most of the detections in the total metals analyses are due to suspended sediments in the samples. Since the site is in an area that may be tidally influenced, the magnesium, manganese and sodium detected above Class GA standards in the dissolved metals analyses (filtered samples) are likely attributable to the presence of brackish water. The remaining dissolved metals detected were below the Class GA standards and are typical of groundwater quality in New York City.
- Delta-BHC and gamma-chlordane were detected in sample SB-2 at estimated concentrations that were below the laboratory reporting limit and well below the Class GA standards. Gamma-chlordane was also detected in the field blank. PCBs were not detected in the groundwater samples.

Recommendations

As part of the rezoning process required for redevelopment of the site, a Restrictive Declaration with the New York City Department of Environmental Protection (NYCDEP) would be required to address known or suspected hazardous materials, including any remediation. A Remedial Action Plan (RAP) and

Construction Health and Safety Plan would also require approval by the NYCDEP, and potentially NYSDEC, prior to commencing redevelopment of the project site. The RAP and CHASP should be based on the results of this Phase II study, and should outline measures for managing on-site soil and groundwater, removing any known and unknown storage tanks and hydraulic lifts in accordance with applicable federal, state, and local regulations (including notification of regulatory agencies), and outline provisions to address potential vapor intrusion.

Development plans for the site are anticipated to include below grade excavation to approximately 15 feet below grade, and approximately 5 feet below the sub-grade floor. Any soil or fill excavated as part of site development activities should be managed in accordance with applicable regulations. All material intended for off-site disposal should be tested in accordance with the requirements of the intended receiving facility. Transportation of all material leaving the site for off-site disposal will be in accordance with requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.

While field evidence of petroleum contamination was observed in SB-7, the analytical results did not contain petroleum constituents above NYSDEC criteria for soil and groundwater. As the development plan is implemented, the above and below ground petroleum storage tanks, which are regulated by the NYSDEC under a Major Oil Storage Facility (MOSF) permit, should be closed in accordance with applicable federal, state, and local requirements, and the MOSF permit should be revised to reflect the closed status. The two inactive 275-gallon aboveground storage tanks and the associated containment structure located along the exterior of the boiler house and adjacent to boring SB-7 will be removed by March 31, 2009. If there is any evidence of a release from these tanks, NYSDEC should be consulted to determine appropriate investigation and/or remediation requirements. In addition, the RAP should address the potential for subsurface contamination in this area, and if encountered, NYSDEC should be consulted to determine appropriate investigation and/or remediation requirements.

The primary contaminants of concern identified at the site are SVOCs and metals typical of urban fill. While only limited petroleum related compounds were detected in the soil above applicable NYSDEC criteria, it is possible that additional contamination exists elsewhere at the site based on historical use, including active and former storage tanks, the underground petroleum piping network, and elevator pits.

Based on analytical results and current site use, there is a potential for VOC related contamination. In order to prevent potential vapor intrusion from affecting the new building, a vapor barrier along the bottom slab and sidewalls of the foundation is recommended. Since the bottom of the foundation would approach or extend below the water table, the use of an active sub-slab ventilation system would not be considered feasible, as it would be inundated with water.

Based on the historic use and records review, additional unidentified underground storage tanks may be present on-site. These tanks, in addition to the known identified tanks, should be handled according to applicable regulations and removed under a contingency plan contained in the RAP.

Dewatering may be required for the proposed construction, which would require testing, and possibly pre-treatment, in accordance with applicable local and state requirements. Discharge water would have to meet the New York City Department of Environmental Protection (NYCDEP) criteria for effluent to municipal sewers, in accordance with the NYCDEP Bureau of Wastewater Treatment (BWT) Wastewater Quality Control Permit.

6.0 SOIL DISPOSAL ISSUES

In addition to the discussions in the Conclusions and Recommendations in Section 5.0 and the Limitations in Section 7.0, the issue of appropriate management of off-site disposal of soil warrants careful consideration. Any material being disposed of off-site is a regulated waste, and disposal must be in accordance with: 1) requirements of the specific receiving facility; 2) requirements of any agencies overseeing the cleanup/excavation; and 3) federal and state requirements (sometimes in both the state where the soils are generated and where disposal will occur).

Perhaps surprisingly, for hazardous wastes and petroleum contaminated soils (and other “clearly contaminated” materials), the requirements are usually fairly well defined. It is those soils where contamination is not readily apparent (e.g., those which contain so called “historic or urban fill” or “construction and demolition debris” or which would in the past have been identified as “clean fill”) that generally present the greatest potential for problems and cost overruns. Even on sites where no contamination requiring remediation is identified, it is common that most of the excavated material is considered “contaminated” for purposes of waste disposal. Concentrations of the various contaminants in historic fill can be highly variable, and upon further testing, the material could contain higher contaminant concentrations than the results outlined in this investigation and portions could be classified as hazardous waste.

It is important that the intended disposal facility or facilities be identified well in advance as agency approval is sometimes required and the facility will frequently require additional testing prior to (and sometimes at the time of) accepting soils as well as lengthy list of requirements based on both chemical composition and sometimes numerous other parameters (related to size, percentage of liquids, presence of odors, etc.). Assuming (or allowing a contractor to assume) that all or even most of the soil from a site can be disposed of at minimal cost is likely to result in unanticipated and expensive change orders.

For the above reasons, we recommend that professional advice be sought prior to preparing bid documents and contracts incorporating soil disposal.

7.0 LIMITATIONS

The findings set forth in this report are strictly limited in scope and time to the date of the evaluation described herein. The conclusions and recommendations presented in the report are based solely on the services and any limitations described in this report.

This report may contain conclusions that are based on the analysis of data collected at the time and locations noted in the report through intrusive or non-intrusive sampling. However, further investigation might reveal additional data or variations of the current data, which may differ from our understanding of the conditions presented in this report and require the enclosed recommendations to be reevaluated or modified.

Chemical analyses may have been performed for specific parameters during the course of this investigation, as summarized in the text and tables. It should be noted that additional chemical constituents, not searched for during this investigation, may be present at the site. Due to the nature of the investigation and the limited data available, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. The presence of biological hazards, radioactive materials, lead-based paint and asbestos-containing materials was not investigated, unless specified in the report.

Interpretations of the data, including comparison to regulatory standards, guidelines or background values, are not opinions that these comparisons are legally applicable. Furthermore, any conclusions or recommendations should not be construed as legal advice. For such advice, the client is recommended to seek appropriate legal counsel. Disturbance, handling, transportation, storage and disposal of known or potentially contaminated materials is subject to all applicable laws, which may or may not be fully described as part of this report.

The analytical data, conclusions, and/or recommendations provided in this report should not be construed in any way as a classification of waste that may be generated during future disturbance of the project site. Waste(s) generated at the site including excess fill may be considered regulated solid waste and potentially hazardous waste. Requirements for intended disposal facilities should be determined beforehand as the data provided in this report may be insufficient and could vary following additional sampling.

This report may be based solely or partially on data collected, conducted, and provided by, AKRF and/or others. No warranty is expressed or implied by usage of such data. Such data may be included in other investigation reports or documentation. In addition, these reports may have been based upon available previous reports, historical records, documentation from federal, state and local government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, historical documents, availability and accuracy of collected documentation, and personal recollection of those persons interviewed. In certain instances, AKRF has been required to assume that the information provided is accurate with limited or no corroboratory evidence.

This report is intended for the use solely by CPC Resources. Reliance by third parties on the information and opinions contained herein is strictly prohibited and requires the written consent of AKRF. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

TABLES

Table 1
Former Domino Sugar Site
Phase II Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	SB-1 (2-4')	SB-2 (2-4')	SB-2 (7-9')	SB-3 (4-6)	SB-3 (10-12)	SB-4 (0.5'-2.5')	SB-4 (6-7')	SB-5 (2-4')
Lab Sample ID	Part 375	TAGM #4046	220-7124-5	220-7124-3	220-7124-4	220-7163-3	220-7163-4	220-7124-1	220-7124-2	220-7124-6
Date Sampled	Residential	RSCO	11/4/2008	11/4/2008	11/4/2008	11/7/2008	11/7/2008	11/4/2008	11/4/2008	11/4/2008
Dilution			1	1	1	2	2	1	1	5
ug/Kg										
1,1,1-Trichloroethane	100,000	800	0.81 U	0.81 U	0.80 U	1.7 U	1.9 U	0.82 U	0.82 U	0.84 U
1,1,2,2-Tetrachloroethane	NS	600	1.2 U	1.2 U	1.1 U	2.4 U	2.7 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	NS	NS	0.97 U	0.97 U	0.96 U	2.0 U	2.3 U	0.97 U	0.98 U	1.0 U
1,1-Dichloroethane	19,000	200	0.72 U	0.72 U	0.71 U	1.5 U	1.7 U	0.73 U	0.73 U	0.75 U
1,1-Dichloroethene	100000	400	0.88 U	0.88 U	0.87 U	1.8 U	2.1 U	0.88 U	0.89 U	0.91 U
1,2-Dichloroethane	2300	100	1.2 U	1.2 U	1.2 U	2.5 U	2.8 U	1.2 U	1.2 U	1.2 U
1,2-Dichloropropane	NS	NS	1.1 U	1.1 U	1.1 U	2.2 U	2.6 U	1.1 U	1.1 U	1.1 U
2-Hexanone	NS	NS	2.9 U	2.9 U	2.9 U	6.1 U	6.9 U	3.0 U	3.0 U	3.0 U
Acetone	100,000	200	20 J	5.3 J	20 J	230	480	2.6 U	2.6 U	94
Benzene	2,900	60	0.79 U	0.79 U	0.78 U	1.6 U	1.9 U	0.79 U	0.80 U	0.82 U
Bromodichloromethane	NS	NS	0.72 U	0.72 U	0.71 U	1.5 U	1.7 U	0.73 U	0.73 U	0.75 U
Bromoform	NS	NS	1.9 U	1.9 U	1.9 U	4.0 U	4.6 U	1.9 U	1.9 U	2.0 U
Bromomethane	NS	NS	1.7 U	1.7 U	1.7 U	3.5 U	4.0 U	1.7 U	1.7 U	1.8 U
Carbon disulfide	NS	2700	0.59 U	0.59 U	0.58 U	25	12 J	0.59 U	0.60 U	0.61 U
Carbon tetrachloride	1,400	600	0.79 U	0.79 U	0.78 U	1.6 U	1.9 U	0.79 U	0.80 U	0.82 U
Chlorobenzene	100,000	1700	0.98 U	0.98 U	0.97 U	2.0 U	2.3 U	0.98 U	0.99 U	1.0 U
Chloroethane	NS	1900	1.4 U	1.4 U	1.4 U	2.9 U	3.3 U	1.4 U	1.4 U	1.5 U
Chloroform	10,000	300	0.59 U	0.59 U	0.58 U	1.2 U	1.4 U	0.59 U	0.60 U	0.61 U
Chloromethane	NS	NS	1.1 U	1.1 U	1.1 U	2.3 U	2.7 U	1.1 U	1.1 U	1.2 U
cis-1,2-Dichloroethene	59,000	NS	1.0 U	1.0 U	1.0 U	2.1 U	2.4 U	1.0 U	1.0 U	1.1 U
cis-1,3-Dichloropropene	NS	NS	0.69 U	0.69 U	0.68 U	1.4 U	1.6 U	0.69 U	0.70 U	0.72 U
Dibromochloromethane	NS	NS	1.2 U	1.2 U	1.2 U	2.5 U	2.8 U	1.2 U	1.2 U	1.2 U
Ethylbenzene	30,000	5500	0.79 U	0.79 U	0.78 U	1.6 U	1.9 U	0.79 U	0.80 U	0.82 U
Methyl Ethyl Ketone	100,000	300	3.7 U	3.7 U	3.7 U	7.8 U	130	3.8 U	3.8 U	3.9 U
Methyl isobutyl ketone	NS	1000	1.0 U	1.0 U	1.0 U	2.2 U	2.5 U	1.1 U	1.1 U	1.1 U
Methylene Chloride	51,000	100	2.1 J	1.6 U	1.9 J	16 J	6.9 J	1.6 U	1.9 J	1.6 U
Styrene	NS	NS	1.4 U	1.4 U	1.4 U	3.0 U	3.4 U	1.4 U	1.5 U	1.5 U
Tetrachloroethene	5,500	1400	0.82 U	0.82 U	0.81 U	1.7 U	1.9 U	0.83 U	0.83 U	0.85 U
Toluene	100,000	1500	0.66 U	0.66 U	0.65 U	1.4 U	1.8 J	0.66 U	0.66 U	0.68 U
trans-1,2-Dichloroethene	100,000	300	1.1 U	1.1 U	1.1 U	2.2 U	2.5 U	1.1 U	1.1 U	1.1 U
trans-1,3-Dichloropropene	NS	NS	1.2 U	1.2 U	1.2 U	2.5 U	2.8 U	1.2 U	1.2 U	1.2 U
Trichloroethene	10,000	700	1.1 U	1.1 U	1.1 U	2.3 U	2.6 U	1.1 U	1.1 U	1.1 U
Vinyl chloride	210	200	1.4 U	1.4 U	1.4 U	3.0 U	3.4 U	1.5 U	1.5 U	1.5 U
Xylenes, Total	100,000	1200	2.7 U	2.7 U	2.7 U	5.7 U	6.4 U	2.7 U	2.7 U	2.8 U

Table 1
Former Domino Sugar Site
Phase II Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	SB-6 (4-5)	SB-7 (1-3)	SB-7(6-7)	SB-8 (1'-2')	SB-9 (1'-3')	SB-9 (5-6)	SB-10 (1'-3')	SB-10 (5'-7')
Lab Sample ID	Part 375	TAGM #4046	220-7124-9	220-7163-1	220-7163-2	220-7141-1	220-7124-7	220-7124-8	220-7141-2	220-7141-3
Date Sampled	Residential	RSCO	11/5/2008	11/7/2008	11/7/2008	11/6/2008	11/5/2008	11/5/2008	11/6/2008	11/6/2008
Dilution			1	1	1	1	1	1	1	1
ug/Kg										
1,1,1-Trichloroethane	100,000	800	0.85 U	0.78 U	0.91 U	0.79 U	0.76 U	0.80 U	0.81 U	0.86 U
1,1,2,2-Tetrachloroethane	NS	600	1.2 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U
1,1,2-Trichloroethane	NS	NS	1.0 U	0.93 U	1.1 U	0.94 U	0.91 U	0.96 U	0.96 U	1.0 U
1,1-Dichloroethane	19,000	200	0.75 U	0.69 U	0.81 U	0.70 U	0.68 U	0.72 U	0.72 U	0.76 U
1,1-Dichloroethene	100000	400	0.92 U	0.84 U	0.99 U	0.85 U	0.83 U	0.87 U	0.88 U	0.93 U
1,2-Dichloroethane	2300	100	1.3 U	1.2 U	1.4 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
1,2-Dichloropropane	NS	NS	1.1 U	1.0 U	1.2 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U
2-Hexanone	NS	NS	3.1 U	2.8 U	3.3 U	2.9 U	2.8 U	2.9 U	2.9 U	3.1 U
Acetone	100,000	200	89	2.5 U	7.8 J	49	13 J	53	2.6 U	2.7 U
Benzene	2,900	60	0.82 U	0.76 U	0.89 U	0.77 U	0.74 U	0.78 U	0.79 U	0.83 U
Bromodichloromethane	NS	NS	0.75 U	0.69 U	0.81 U	0.70 U	0.68 U	0.72 U	0.72 U	0.76 U
Bromoform	NS	NS	2.0 U	1.8 U	2.2 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U
Bromomethane	NS	NS	1.8 U	1.6 U	1.9 U	1.6 U	1.6 U	1.7 U	1.7 U	1.8 U
Carbon disulfide	NS	2700	4.8 J	0.56 U	0.66 U	0.57 U	0.55 U	2.1 J	0.59 U	0.62 U
Carbon tetrachloride	1,400	600	0.82 U	0.76 U	0.89 U	0.77 U	0.74 U	0.78 U	0.79 U	0.83 U
Chlorobenzene	100,000	1700	1.0 U	0.94 U	1.1 U	0.95 U	0.92 U	0.97 U	0.98 U	1.0 U
Chloroethane	NS	1900	1.5 U	1.4 U	1.6 U	1.4 U	1.3 U	1.4 U	1.4 U	1.5 U
Chloroform	10,000	300	0.62 U	0.56 U	0.66 U	0.57 U	0.55 U	0.58 U	0.59 U	0.62 U
Chloromethane	NS	NS	1.2 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U
cis-1,2-Dichloroethene	59,000	NS	1.1 U	0.98 U	1.2 U	0.99 U	0.96 U	1.0 U	1.0 U	1.1 U
cis-1,3-Dichloropropene	NS	NS	0.72 U	0.66 U	0.78 U	0.67 U	0.65 U	0.68 U	0.69 U	0.73 U
Dibromochloromethane	NS	NS	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
Ethylbenzene	30,000	5500	0.82 U	0.76 U	0.89 U	0.77 U	0.74 U	0.78 U	0.79 U	0.83 U
Methyl Ethyl Ketone	100,000	300	3.9 U	3.6 U	4.2 U	3.6 U	3.5 U	45	3.7 U	3.9 U
Methyl isobutyl ketone	NS	1000	1.1 U	1.0 U	1.2 U	1.0 U	0.98 U	1.0 U	1.0 U	1.1 U
Methylene Chloride	51,000	100	3.3 J	2.7 J	2.7 J	3.4 J	1.5 U	4.3 J	1.7 J	2.0 J
Styrene	NS	NS	1.5 U	1.4 U	1.6 U	1.4 U	1.3 U	1.4 U	1.4 U	1.5 U
Tetrachloroethene	5,500	1400	0.86 U	0.79 U	0.93 U	0.80 U	0.77 U	0.81 U	0.82 U	0.87 U
Toluene	100,000	1500	0.68 U	0.63 U	0.74 U	0.64 U	0.62 U	0.65 U	0.65 U	0.69 U
trans-1,2-Dichloroethene	100,000	300	1.1 U	1.0 U	1.2 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U
trans-1,3-Dichloropropene	NS	NS	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U
Trichloroethene	10,000	700	1.1 U	1.1 U	1.2 U	1.1 U	1.0 U	1.1 U	1.1 U	1.2 U
Vinyl chloride	210	200	1.5 U	1.4 U	1.6 U	1.4 U	1.4 U	1.4 U	1.4 U	1.5 U
Xylenes, Total	100,000	1200	2.8 U	2.6 U	3.1 U	2.6 U	2.6 U	2.7 U	2.7 U	2.9 U

Table 1
Former Domino Sugar Site
Phase II Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-12 (1-3) 220-7163-5 11/7/2008 1	SB-12 (16-18) 220-7163-6 11/7/2008 1	SB-13 (1-3) 220-7163-7 11/7/2008 1	SB-13 (27-29) 220-7163-8 11/7/2008 1
Lab Sample ID						
Date Sampled						
Dilution						
$\mu\text{g/Kg}$						
1,1,1-Trichloroethane	100,000	800	0.82 U	0.78 U	0.83 U	0.87 U
1,1,2,2-Tetrachloroethane	NS	600	1.2 U	1.1 U	1.2 U	1.2 U
1,1,2-Trichloroethane	NS	NS	0.97 U	0.93 U	0.98 U	1.0 U
1,1-Dichloroethane	19,000	200	0.73 U	0.70 U	0.73 U	0.77 U
1,1-Dichloroethene	100000	400	0.88 U	0.85 U	0.89 U	0.94 U
1,2-Dichloroethane	2300	100	1.2 U	1.2 U	1.2 U	1.3 U
1,2-Dichloropropane	NS	NS	1.1 U	1.0 U	1.1 U	1.2 U
2-Hexanone	NS	NS	2.9 U	2.8 U	3.0 U	3.1 U
Acetone	100,000	200	2.6 U	2.5 U	2.6 U	2.8 U
Benzene	2,900	60	0.79 U	0.76 U	0.80 U	0.84 U
Bromodichloromethane	NS	NS	0.73 U	0.70 U	0.73 U	0.77 U
Bromoform	NS	NS	1.9 U	1.9 U	2.0 U	2.1 U
Bromomethane	NS	NS	1.7 U	1.6 U	1.7 U	1.8 U
Carbon disulfide	NS	2700	0.59 U	0.57 U	0.60 U	0.63 U
Carbon tetrachloride	1,400	600	0.79 U	0.76 U	0.80 U	0.84 U
Chlorobenzene	100,000	1700	0.98 U	0.94 U	0.99 U	1.0 U
Chloroethane	NS	1900	1.4 U	1.4 U	1.4 U	1.5 U
Chloroform	10,000	300	0.59 U	0.57 U	0.60 U	0.63 U
Chloromethane	NS	NS	1.1 U	1.1 U	1.1 U	1.2 U
cis-1,2-Dichloroethene	59,000	NS	1.0 U	0.99 U	1.0 U	1.1 U
cis-1,3-Dichloropropene	NS	NS	0.69 U	0.67 U	0.70 U	0.74 U
Dibromochloromethane	NS	NS	1.2 U	1.1 U	1.2 U	1.3 U
Ethylbenzene	30,000	5500	0.79 U	0.76 U	0.80 U	0.84 U
Methyl Ethyl Ketone	100,000	300	3.8 U	3.6 U	3.8 U	4.0 U
Methyl isobutyl ketone	NS	1000	1.0 U	1.0 U	1.1 U	1.1 U
Methylene Chloride	51,000	100	15 J	3.3 J	8.0 J	16 J
Styrene	NS	NS	1.4 U	1.4 U	1.5 U	1.5 U
Tetrachloroethene	5,500	1400	0.83 U	0.79 U	0.84 U	0.88 U
Toluene	100,000	1500	0.66 U	0.63 U	0.67 U	0.70 U
trans-1,2-Dichloroethene	100,000	300	1.1 U	1.0 U	1.1 U	1.1 U
trans-1,3-Dichloropropene	NS	NS	1.2 U	1.1 U	1.2 U	1.3 U
Trichloroethene	10,000	700	1.1 U	1.1 U	1.1 U	1.2 U
Vinyl chloride	210	200	1.5 U	1.4 U	1.5 U	1.5 U
Xylenes, Total	100,000	1200	2.7 U	2.6 U	2.8 U	2.9 U

Table 2
Former Domino Sugar Site
Phase II Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-1 (2-4') 220-7124-5 11/4/2008 1	SB-2 (2-4') 220-7124-3 11/4/2008 1	SB-2 (7-9') 220-7124-4 11/4/2008 1	SB-3 (4-6) 220-7163-3 11/7/2008 1	SB-3 (10-12) 220-7163-4 11/7/2008 1
Lab Sample ID							
Date Sampled							
Dilution							
µg/Kg							
1,2,4-Trichlorobenzene	NS	3,400	60 U	59 U	58 U	63 U	72 U
1,2-Dichlorobenzene	100,000	7,900	60 U	58 U	57 U	62 U	71 U
1,3-Dichlorobenzene	17,000	1,600	50 U	48 U	47 U	52 U	59 U
1,4-Dichlorobenzene	9,800	8,500	64 U	62 U	61 U	67 U	76 U
2,2'-oxybis[1-chloropropane]	NS	NS	71 U	69 U	68 U	74 U	84 U
2,4,5-Trichlorophenol	NS	100	55 U	53 U	52 U	57 U	65 U
2,4,6-Trichlorophenol	NS	NS	60 U	59 U	57 U	63 U	72 U
2,4-Dichlorophenol	NS	400	62 U	60 U	59 U	65 U	74 U
2,4-Dimethylphenol	NS	NS	48 U	47 U	46 U	50 U	58 U
2,4-Dinitrophenol	NS	200	400 U *	390 U *	380 U *	420 U *	480 U *
2,4-Dinitrotoluene	NS	NS	56 U	55 U	54 U	59 U	67 U
2,6-Dinitrotoluene	NS	1,000	49 U	48 U	47 U	51 U	59 U
2-Chloronaphthalene	NS	NS	63 U	62 U	61 U	66 U	75 U
2-Chlorophenol	NS	800	67 U	65 U	64 U	70 U	80 U
2-Methylnaphthalene	NS	36,400	68 U	90 J	65 U	220 J	81 U
2-Methylphenol	100,000	100	54 U	52 U	51 U	56 U	64 U
2-Nitroaniline	NS	430	59 U	57 U	56 U	61 U	70 U
2-Nitrophenol	NS	330	52 U	51 U	50 U	54 U	62 U
3,3'-Dichlorobenzidine	NS	NS	61 U	60 U	59 U	64 U	73 U
3-Nitroaniline	NS	500	56 U	55 U	54 U	59 U	67 U
4,6-Dinitro-2-methylphenol	NS	NS	27 U	26 U	26 U	28 U	32 U
4-Bromophenyl phenyl ether	NS	NS	55 U	53 U	52 U	57 U	65 U
4-Chloro-3-methylphenol	NS	240	54 U	52 U	51 U	56 U	64 U
4-Chloroaniline	NS	220	48 U	47 U	46 U	51 U	58 U
4-Chlorophenyl phenyl ether	NS	NS	63 U	61 U	60 U	66 U	75 U
4-Methylphenol	34,000	900	71 U	69 U	68 U	74 U	85 U
4-Nitroaniline	NS	NS	56 U	55 U	53 U	58 U	67 U
4-Nitrophenol	NS	100	67 U	65 U	64 U	70 U	79 U
Acenaphthene	100,000	50,000	64 U	190 J	62 U	460	150 J
Acenaphthylene	100,000	41,000	68 U	190 J	65 U	91 J	290 J
Anthracene	100,000	50,000	66 U	450	63 U	870	11,00
Benzo[a]anthracene	1,000	224	55 U	1,000	130 J	2,100	3,000
Benzo[a]pyrene	1,000	61	41 U	900	130 J	1,800	2,300
Benzo[b]fluoranthene	1,000	1,100	53 U	870	130 J	2,000	2,400
Benzo[g,h,i]perylene	100,000	50,000	42 U	680	100 J	2,100	2,100
Benzo[k]fluoranthene	1,000	1,100	48 U	300	49 J	900	1,000
Benzyl alcohol	NS	NS	52 U	50 U	49 U	54 U	62 U
Bis(2-chloroethoxy)methane	NS	NS	61 U	60 U	59 U	64 U	73 U
Bis(2-chloroethyl)ether	NS	NS	84 U	82 U	80 U	88 U	100 U
Bis(2-ethylhexyl) phthalate	NS	50,000	59 U	250 J	1,100	410	660
Butyl benzyl phthalate	NS	50,000	60 U	59 U	58 U	63 U	130 J
Carbazole	NS	NS	59 U	130 J	57 U	330	100 J
Chrysene	1,000	400	63 U	1,000	150 J	2,400	2,900
Dibenz(a,h)anthracene	330	14	38 U	220 J	36 U	560	680
Dibenzofuran	14,000	6,200	65 U	140 J	62 U	360	190 J
Diethyl phthalate	NS	7,100	69 U	67 U	66 U	72 U	82 U
Dimethyl phthalate	NS	2,000	63 U	61 U	60 U	66 U	75 U
Di-n-butyl phthalate	NS	8,100	70 U	68 U	67 U	73 U	83 U
Di-n-octyl phthalate	NS	50,000	53 U	51 U	50 U	55 U	63 U
Fluoranthene	100,000	50,000	66 U	2,000	230 J	3,800	6,000
Fluorene	100,000	50,000	68 U	180 J	65 U	450	170 J
Hexachlorobenzene	330	410	71 U	69 U	68 U	74 U	85 U
Hexachlorobutadiene	NS	NS	63 U	62 U	60 U	66 U	75 U
Hexachlorocyclopentadiene	NS	NS	93 U	90 U	88 U	97 U	110 U
Hexachloroethane	NS	NS	58 U	56 U	55 U	61 U	69 U
Indeno[1,2,3-cd]pyrene	500	3,200	41 U	840	120 J	2,300	2,400
Isophorone	NS	4,400	68 U	66 U	65 U	71 U	81 U
Naphthalene	100,000	13,000	65 U	150 J	62 U	270 J	130 J
Nitrobenzene	NS	200	72 U	71 U	69 U	76 U	86 U
N-Nitrosodi-n-propylamine	NS	NS	74 U	72 U	71 U	77 U	88 U
N-Nitrosodiphenylamine	NS	NS	60 U	58 U	57 U	62 U	71 U
Pentachlorophenol	2400	1,000	37 U	36 U	35 U	38 U	44 U
Phenanthrene	100,000	50,000	65 U	2,000	190 J	3,300	720
Phenol	100,000	30	61 U	59 U	58 U	64 U	73 U
Pyrene	100,000	50,000	73 U	2,000	260 J	4,200	6,400

Table 2
Former Domino Sugar Site
Phase II Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-4 (0.5'-2.5') 220-7124-1 11/4/2008 1	SB-4 (6-7') 220-7124-2 11/4/2008 1	SB-5 (2-4') 220-7124-6 11/4/2008 5	SB-6 (4-5) 220-7124-9 11/5/2008 1	SB-7(1-3) 220-7163-1 11/7/2008 1
Lab Sample ID							
Date Sampled							
Dilution							
µg/Kg							
1,2,4-Trichlorobenzene	NS	3,400	60 U	61 U	310 U	60 U	58 U
1,2-Dichlorobenzene	100,000	7,900	60 U	60 U	310 U	60 U	57 U
1,3-Dichlorobenzene	17,000	1,600	50 U	50 U	260 U	50 U	48 U
1,4-Dichlorobenzene	9,800	8,500	64 U	65 U	330 U	64 U	62 U
2,2'-oxybis[1-chloropropane]	NS	NS	71 U	72 U	370 U	71 U	68 U
2,4,5-Trichlorophenol	NS	100	55 U	55 U	280 U	55 U	53 U
2,4,6-Trichlorophenol	NS	NS	60 U	61 U	310 U	60 U	58 U
2,4-Dichlorophenol	NS	400	62 U	63 U	320 U	62 U	60 U
2,4-Dimethylphenol	NS	NS	48 U	49 U	250 U	48 U	47 U
2,4-Dinitrophenol	NS	200	400 U *	410 U *	2100 U *	400 U *	390 U *
2,4-Dinitrotoluene	NS	NS	56 U	57 U	290 U	56 U	54 U
2,6-Dinitrotoluene	NS	1,000	49 U	50 U	260 U	49 U	47 U
2-Chloronaphthalene	NS	NS	63 U	64 U	330 U	63 U	61 U
2-Chlorophenol	NS	800	67 U	68 U	350 U	67 U	65 U
2-Methylnaphthalene	NS	36,400	88 J	69 U	670 J	68 U	66 U
2-Methylphenol	100,000	100	54 U	55 U	280 U	54 U	52 U
2-Nitroaniline	NS	430	59 U	59 U	300 U	59 U	56 U
2-Nitrophenol	NS	330	52 U	53 U	270 U	52 U	50 U
3,3'-Dichlorobenzidine	NS	NS	61 U	62 U	320 U	61 U	59 U
3-Nitroaniline	NS	500	56 U	57 U	290 U	56 U	54 U
4,6-Dinitro-2-methylphenol	NS	NS	27 U	27 U	140 U	27 U	26 U
4-Bromophenyl phenyl ether	NS	NS	55 U	55 U	280 U	55 U	53 U
4-Chloro-3-methylphenol	NS	240	54 U	54 U	280 U	54 U	52 U
4-Chloroaniline	NS	220	49 U	49 U	250 U	49 U	47 U
4-Chlorophenyl phenyl ether	NS	NS	63 U	64 U	330 U	63 U	61 U
4-Methylphenol	34,000	900	71 U	72 U	370 U	71 U	69 U
4-Nitroaniline	NS	NS	56 U	57 U	290 U	56 U	54 U
4-Nitrophenol	NS	100	67 U	67 U	350 U	67 U	64 U
Acenaphthene	100,000	50,000	210 J	65 U	1700	65 U	62 U
Acenaphthylene	100,000	41,000	150 J	69 U	2300	68 U	66 U
Anthracene	100,000	50,000	340	67 U	4700	66 U	63 U
Benzo[a]anthracene	1,000	224	1,100	94 J	13,000	55 U	180 J
Benzo[a]pyrene	1,000	61	1,000	81 J	9,900	41 U	200 J
Benzo[b]fluoranthene	1,000	1,100	1,300	87 J	11,000	53 U	190 J
Benzo[g,h,i]perylene	100,000	50,000	1,000	120 J	4700	42 U	300
Benzo[k]fluoranthene	1,000	1,100	450	48 U	4,100	48 U	72 J
Benzyl alcohol	NS	NS	52 U	52 U	270 U	52 U	50 U
Bis(2-chloroethoxy)methane	NS	NS	61 U	62 U	320 U	61 U	59 U
Bis(2-chloroethyl)ether	NS	NS	84 U	85 U	440 U	84 U	81 U
Bis(2-ethylhexyl) phthalate	NS	50,000	59 U	180 J	310 U	59 U	230 J
Butyl benzyl phthalate	NS	50,000	60 U	61 U	310 U	60 U	58 U
Carbazole	NS	NS	190 J	60 U	1400 J	59 U	57 U
Chrysene	1,000	400	1,300	110 J	12,000	63 U	210 J
Dibenz(a,h)anthracene	330	14	170 J	38 U	2,800	38 U	360
Dibenzofuran	14,000	6,200	220 J	66 U	1100 J	65 U	63 U
Diethyl phthalate	NS	7,100	69 U	70 U	360 U	69 U	67 U
Dimethyl phthalate	NS	2,000	63 U	64 U	330 U	63 U	61 U
Di-n-butyl phthalate	NS	8,100	70 U	71 U	360 U	70 U	67 U
Di-n-octyl phthalate	NS	50,000	53 U	53 U	270 U	53 U	51 U
Fluoranthene	100,000	50,000	2,500	110 J	26,000	66 U	160 J
Fluorene	100,000	50,000	170 J	69 U	1100 J	68 U	65 U
Hexachlorobenzene	330	410	71 U	72 U	370 U	71 U	69 U
Hexachlorobutadiene	NS	NS	63 U	64 U	330 U	63 U	61 U
Hexachlorocyclopentadiene	NS	NS	93 U	94 U	480 U	93 U	89 U
Hexachloroethane	NS	NS	58 U	59 U	300 U	58 U	56 U
Indeno[1,2,3-cd]pyrene	500	3,200	1,200	110 J	6,000	41 U	470
Isophorone	NS	4,400	68 U	69 U	350 U	68 U	66 U
Naphthalene	100,000	13,000	150 J	66 U	1,500 J	65 U	63 U
Nitrobenzene	NS	200	73 U	73 U	380 U	73 U	70 U
N-Nitrosodi-n-propylamine	NS	NS	74 U	75 U	380 U	74 U	71 U
N-Nitrosodiphenylamine	NS	NS	60 U	60 U	310 U	60 U	58 U
Pentachlorophenol	2400	1,000	37 U	37 U	190 U	37 U	35 U
Phenanthrene	100,000	50,000	2,600	72 J	19,000	65 U	95 J
Phenol	100,000	30	61 U	62 U	320 U	61 U	59 U
Pyrene	100,000	50,000	2,500	180 J	20,000	73 U	230 J

Table 2
Former Domino Sugar Site
Phase II Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-7(6-7) 220-7163-2 11/7/2008 1	SB-8 (1'-2') 220-7141-1 11/6/2008 1	SB-9 (1-3') 220-7124-7 11/5/2008 1	SB-9 (5-6) 220-7124-8 11/5/2008 1	SB-10 (1'-3') 220-7141-2 11/6/2008 1
Lab Sample ID							
Date Sampled							
Dilution							
µg/Kg							
1,2,4-Trichlorobenzene	NS	3,400	68 U	58 U	55 U	58 U	60 U
1,2-Dichlorobenzene	100,000	7,900	67 U	57 U	55 U	57 U	59 U
1,3-Dichlorobenzene	17,000	1,600	56 U	47 U	46 U	48 U	49 U
1,4-Dichlorobenzene	9,800	8,500	72 U	61 U	59 U	62 U	63 U
2,2'-oxybis[1-chloropropane]	NS	NS	80 U	68 U	65 U	68 U	70 U
2,4,5-Trichlorophenol	NS	100	62 U	52 U	50 U	53 U	54 U
2,4,6-Trichlorophenol	NS	NS	68 U	58 U	55 U	58 U	59 U
2,4-Dichlorophenol	NS	400	70 U	59 U	57 U	60 U	61 U
2,4-Dimethylphenol	NS	NS	55 U	46 U	44 U	47 U	48 U
2,4-Dinitrophenol	NS	200	460 U *	390 U *	370 U *	390 U *	400 U *
2,4-Dinitrotoluene	NS	NS	64 U	54 U	52 U	54 U	56 U
2,6-Dinitrotoluene	NS	1,000	56 U	47 U	45 U	48 U	49 U
2-Chloronaphthalene	NS	NS	72 U	61 U	58 U	61 U	63 U
2-Chlorophenol	NS	800	76 U	64 U	62 U	65 U	66 U
2-Methylnaphthalene	NS	36,400	77 U	65 U	63 U	66 U	67 U
2-Methylphenol	100,000	100	61 U	52 U	50 U	52 U	53 U
2-Nitroaniline	NS	430	66 U	56 U	54 U	56 U	58 U
2-Nitrophenol	NS	330	59 U	50 U	48 U	50 U	51 U
3,3'-Dichlorobenzidine	NS	NS	69 U	59 U	56 U	59 U	61 U
3-Nitroaniline	NS	500	64 U	54 U	52 U	54 U	56 U
4,6-Dinitro-2-methylphenol	NS	NS	30 U	26 U	25 U	26 U	27 U
4-Bromophenyl phenyl ether	NS	NS	62 U	52 U	50 U	53 U	54 U
4-Chloro-3-methylphenol	NS	240	61 U	51 U	49 U	52 U	53 U
4-Chloroaniline	NS	220	55 U	46 U	45 U	47 U	48 U
4-Chlorophenyl phenyl ether	NS	NS	71 U	60 U	58 U	61 U	62 U
4-Methylphenol	34,000	900	80 U	68 U	65 U	69 U	70 U
4-Nitroaniline	NS	NS	63 U	54 U	51 U	54 U	55 U
4-Nitrophenol	NS	100	75 U	64 U	61 U	64 U	66 U
Acenaphthene	100,000	50,000	73 U	62 U	59 U	62 U	64 U
Acenaphthylene	100,000	41,000	77 U	65 U	63 U	66 U	67 U
Anthracene	100,000	50,000	74 U	63 U	60 U	68 J	65 U
Benzo[a]anthracene	1,000	224	62 U	69 J	51 U	240 J	140 J
Benzo[a]pyrene	1,000	61	47 U	210 J	38 U	210 J	260 J
Benzo[b]fluoranthene	1,000	1,100	60 U	200 J	49 U	220 J	260 J
Benzo[g,h,i]perylene	100,000	50,000	190 J	300	39 U	170 J	330
Benzo[k]fluoranthene	1,000	1,100	54 U	46 U	44 U	82 J	54 J
Benzyl alcohol	NS	NS	58 U	49 U	47 U	50 U	51 U
Bis(2-chloroethoxy)methane	NS	NS	69 U	59 U	56 U	59 U	61 U
Bis(2-chloroethyl)ether	NS	NS	95 U	80 U	77 U	81 U	83 U
Bis(2-ethylhexyl) phthalate	NS	50,000	95 J	350	54 U	57 U	340
Butyl benzyl phthalate	NS	50,000	68 U	58 U	55 U	58 U	60 U
Carbazole	NS	NS	67 U	57 U	54 U	57 U	59 U
Chrysene	1,000	400	71 U	63 J	58 U	260 J	150 J
Dibenz(a,h)anthracene	330	14	42 U	36 U	34 U	36 U	37 U
Dibenzofuran	14,000	6,200	73 U	62 U	60 U	63 U	64 U
Diethyl phthalate	NS	7,100	78 U	66 U	64 U	67 U	68 U
Dimethyl phthalate	NS	2,000	71 U	60 U	58 U	61 U	62 U
Di-n-butyl phthalate	NS	8,100	79 U	67 U	64 U	67 U	69 U
Di-n-octyl phthalate	NS	50,000	59 U	50 U	48 U	51 U	52 U
Fluoranthene	100,000	50,000	75 U	160 J	63 J	430	240 J
Fluorene	100,000	50,000	77 U	65 U	62 U	65 U	67 U
Hexachlorobenzene	330	410	81 U	68 U	65 U	69 U	70 U
Hexachlorobutadiene	NS	NS	72 U	60 U	58 U	61 U	63 U
Hexachlorocyclopentadiene	NS	NS	100 U	88 U	85 U	89 U	91 U
Hexachloroethane	NS	NS	66 U	55 U	53 U	56 U	57 U
Indeno[1,2,3-cd]pyrene	500	3,200	46 U	410	37 U	210 J	450
Isophorone	NS	4,400	77 U	65 U	63 U	66 U	67 U
Naphthalene	100,000	13,000	74 U	62 U	60 U	63 U	64 U
Nitrobenzene	NS	200	82 U	69 U	67 U	70 U	72 U
N-Nitrosodi-n-propylamine	NS	NS	84 U	71 U	68 U	71 U	73 U
N-Nitrosodiphenylamine	NS	NS	68 U	57 U	55 U	58 U	59 U
Pentachlorophenol	2400	1,000	41 U	35 U	34 U	35 U	36 U
Phenanthrene	100,000	50,000	73 U	160 J	59 U	250 J	88 J
Phenol	100,000	30	69 U	58 U	56 U	59 U	60 U
Pyrene	100,000	50,000	83 U	140 J	67 U	490	220 J

Table 2
Former Domino Sugar Site
Phase II Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-10 (5'-7') 220-7141-3 11/6/2008 1	SB-12 (1-3) 220-7163-5 11/7/2008 10	SB-12 (16-18) 220-7163-6 11/7/2008 1	SB-13 (1-3) 220-7163-7 11/7/2008 10	SB-13 (27-29) 220-7163-8 11/7/2008 1
Lab Sample ID							
Date Sampled							
Dilution							
µg/Kg							
1,2,4-Trichlorobenzene	NS	3,400	61 U	610 U	59 U	620 U	65 U
1,2-Dichlorobenzene	100,000	7,900	60 U	600 U	58 U	610 U	64 U
1,3-Dichlorobenzene	17,000	1,600	50 U	500 U	48 U	510 U	53 U
1,4-Dichlorobenzene	9,800	8,500	65 U	640 U	62 U	650 U	69 U
2,2'-oxybis[1-chloropropane]	NS	NS	72 U	710 U	69 U	720 U	76 U
2,4,5-Trichlorophenol	NS	100	55 U	550 U	53 U	560 U	59 U
2,4,6-Trichlorophenol	NS	NS	61 U	610 U	58 U	610 U	65 U
2,4-Dichlorophenol	NS	400	63 U	620 U	60 U	630 U	66 U
2,4-Dimethylphenol	NS	NS	49 U	490 U	47 U	490 U	52 U
2,4-Dinitrophenol	NS	200	410 U *	4,100 U *	390 U *	4,100 U *	430 U *
2,4-Dinitrotoluene	NS	NS	57 U	570 U	55 U	580 U	61 U
2,6-Dinitrotoluene	NS	1,000	50 U	500 U	48 U	500 U	53 U
2-Chloronaphthalene	NS	NS	64 U	640 U	62 U	650 U	68 U
2-Chlorophenol	NS	800	68 U	670 U	65 U	680 U	72 U
2-Methylnaphthalene	NS	36,400	69 U	690 U	66 U	1300 J	73 U
2-Methylphenol	100,000	100	55 U	540 U	52 U	550 U	58 U
2-Nitroaniline	NS	430	59 U	590 U	57 U	600 U	63 U
2-Nitrophenol	NS	330	53 U	520 U	51 U	530 U	56 U
3,3'-Dichlorobenzidine	NS	NS	62 U	620 U	60 U	630 U	66 U
3-Nitroaniline	NS	500	57 U	570 U	55 U	570 U	60 U
4,6-Dinitro-2-methylphenol	NS	NS	27 U	270 U	26 U	270 U	29 U
4-Bromophenyl phenyl ether	NS	NS	56 U	550 U	53 U	560 U	59 U
4-Chloro-3-methylphenol	NS	240	54 U	540 U	52 U	550 U	58 U
4-Chloroaniline	NS	220	49 U	490 U	47 U	490 U	52 U
4-Chlorophenyl phenyl ether	NS	NS	64 U	630 U	61 U	640 U	68 U
4-Methylphenol	34,000	900	72 U	720 U	69 U	730 U	76 U
4-Nitroaniline	NS	NS	57 U	560 U	54 U	570 U	60 U
4-Nitrophenol	NS	100	68 U	670 U	65 U	680 U	72 U
Acenaphthene	100,000	50,000	65 U	1,800 J	63 U	3,200	69 U
Acenaphthylene	100,000	41,000	69 U	740 J	66 U	700 U	73 U
Anthracene	100,000	50,000	67 U	5,700	64 U	7,200	71 U
Benzo[a]anthracene	1,000	224	110 J	17,000	54 U	12,000	59 U
Benzo[a]pyrene	1,000	61	250 J	15,000	40 U	9900	45 U
Benzo[b]fluoranthene	1,000	1,100	240 J	18,000	51 U	11000	57 U
Benzo[g,h,i]perylene	100,000	50,000	330	16,000	41 U	8000	45 U
Benzo[k]fluoranthene	1,000	1,100	48 U	6,200	46 U	3700	51 U
Benzyl alcohol	NS	NS	52 U	520 U	50 U	530 U	56 U
Bis(2-chloroethoxy)methane	NS	NS	62 U	620 U	60 U	630 U	66 U
Bis(2-chloroethyl)ether	NS	NS	85 U	850 U	82 U	860 U	90 U
Bis(2-ethylhexyl) phthalate	NS	50,000	550	590 U	200 J	600 U	200 J
Butyl benzyl phthalate	NS	50,000	61 U	610 U	100 J	620 U	65 U
Carbazole	NS	NS	60 U	2,700 J	58 U	3,400	64 U
Chrysene	1,000	400	99 J	17,000	61 U	12,000	68 U
Dibenz(a,h)anthracene	330	14	38 U	4,500	36 U	4,100	40 U
Dibenzofuran	14,000	6,200	66 U	1,300 J	63 U	2,800 J	70 U
Diethyl phthalate	NS	7,100	70 U	700 U	67 U	710 U	74 U
Dimethyl phthalate	NS	2,000	64 U	630 U	61 U	640 U	68 U
Di-n-butyl phthalate	NS	8,100	71 U	700 U	68 U	710 U	75 U
Di-n-octyl phthalate	NS	50,000	53 U	530 U	51 U	540 U	56 U
Fluoranthene	100,000	50,000	220 J	37,000	64 U	29,000	71 U
Fluorene	100,000	50,000	69 U	1,600 J	66 U	3,400	73 U
Hexachlorobenzene	330	410	72 U	720 U	69 U	730 U	77 U
Hexachlorobutadiene	NS	NS	64 U	640 U	61 U	650 U	68 U
Hexachlorocyclopentadiene	NS	NS	94 U	930 U	90 U	940 U	99 U
Hexachloroethane	NS	NS	59 U	580 U	56 U	590 U	62 U
Indeno[1,2,3-cd]pyrene	500	3,200	450	18,000	40 U	8,900	44 U
Isophorone	NS	4,400	69 U	690 U	66 U	700 U	73 U
Naphthalene	100,000	13,000	66 U	820 J	63 U	3,100	70 U
Nitrobenzene	NS	200	73 U	730 U	70 U	740 U	78 U
N-Nitrosodi-n-propylamine	NS	NS	75 U	740 U	72 U	750 U	80 U
N-Nitrosodiphenylamine	NS	NS	61 U	600 U	58 U	610 U	64 U
Pentachlorophenol	2400	1,000	37 U	370 U	36 U	370 U	39 U
Phenanthrene	100,000	50,000	150 J	29,000	63 U	30,000	70 U
Phenol	100,000	30	62 U	610 U	59 U	620 U	66 U
Pyrene	100,000	50,000	220 J	34,000	71 U	23,000	79 U

Table 3
Former Domino Sugar Site
Phase II Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	Eastern USA Soil Background	SB-1 (2-4') 220-7124-5 11/4/2008	SB-2 (2-4') 220-7124-3 11/4/2008	SB-2 (7-9') 220-7124-4 11/4/2008	SB-3(4-6) 220-7163-3 11/7/2008	SB-3(10-12) 220-7163-4 11/7/2008	SB-4 (0.5'-2.5') 220-7124-1 11/4/2008
mg/kg									
Aluminum	NS	SB	33,000	12,200	8,630	7,770	3,390	9,020	7,040
Antimony	NS	SB	NS	1.5 U	1.4 U	1.2 U	1.5 J	8.0 J	1.1 U
Arsenic	16	7.5 or SB	3 – 12	3.5 J	7.9	2.5 J	27.8	18.6	9.1
Barium	350	300 or SB	15 – 600	42.2	86.5	57.8	109	520	142
Beryllium	14	0.16 or SB	0 – 1.75	0.50 J	0.52 J	0.46 J	0.35 J	0.47 J	0.37 J
Cadmium	2.5	1 or SB	0.1 – 1	0.66 U	0.59 U	0.50 U	0.61 U	0.71 U	0.49 U
Calcium	NS	SB	130 – 35,000	2,970	3,800	17,400	20,600	59,200	20,200
Chromium	36	10 or SB	1.5 – 40	17.9	23.3	24.4	8.2	38.8	16.9
Cobalt	NS	30 or SB	2.5 – 60	9.9	8.7	7.8	4.1	8.7	6.6
Copper	270	25 or SB	1 – 50	12.9	40.9	27.8	64.5	1,060	73.6
Iron	NS	2,000 or SB	2,000 – 550,000	21,700	17,300	18,300	14,200	43,600	19,100
Lead	400	SB	200 – 500 (2)	9.6	254	230	470	17,900	1,550
Magnesium	NS	SB	100 – 5,000	3,600	4,970	5,410	5,490	8,400	2,660
Manganese	2,000	SB	50 – 5,000	466	330	375	295	725	344
Mercury	0.81	0.1	0.001 – 0.2	0.022 J	0.73	0.24	0.28	0.12	0.26
Nickel	140	13 or SB	0.5 – 25	18.9	48.5	36.9	20.6	20.4	13.3
Potassium	NS	SB	8,500 – 43,000	1,220	1,580	1,310	764	3,790	1,500
Selenium	36	2 or SB	0.1 – 3.9	1.1 U	1.0 U	0.86 U	2.6 J	1.2 U	1.1 J
Silver	36	SB	NS	0.36 U	0.32 U	0.44 J	0.33 U	1.2 J	0.26 U
Sodium	NS	SB	6,000 – 8,000	358	663	567	221 J	5,000	2,110
Thallium	NS	SB	NS	4.0 U	3.5 U	3.0 U	3.6 U	4.8 J	2.9 U
Vanadium	NS	150 or SB	1 – 300	22.8	31.6	26.2	21.1	31.0	26.9
Zinc	2,200	20 or SB	9 – 50	48.6	114	58.1	68.5	1430	120

Table 3
Former Domino Sugar Site
Phase II Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	Eastern USA Soil Background	SB-4 (6-7') 220-7124-2 11/4/2008	SB-5 (2-4') 220-7124-6 11/4/2008	SB-6 (4-5) 220-7124-9 11/5/2008	SB-7(1-3) 220-7163-1 11/7/2008	SB-7(6-7) 220-7163-2 11/7/2008	SB-8 (1'-2') 220-7141-1 11/6/2008
mg/kg									
Aluminum	NS	SB	33,000	6,670	6,960	4,030	3,350	5,140	7,360
Antimony	NS	SB	NS	1.4 U	1.2 U	1.2 U	1.4 U	1.3 U	1.5 U
Arsenic	16	7.5 or SB	3 – 12	2.7 J	22.2	1.9 J	1.1 J	14.6	1.6 J
Barium	350	300 or SB	15 – 600	35.2	66.5	23.9	22.8	34.0	45.6
Beryllium	14	0.16 or SB	0 – 1.75	0.32 J	0.38 J	0.27 J	0.26 U	0.30 J	0.27 U
Cadmium	2.5	1 or SB	0.1 – 1	0.61 U	0.54 U	0.52 U	0.62 U	0.58 U	0.64 U
Calcium	NS	SB	130 – 35,000	3,620	49,800	707	2,160	12,100	3,640
Chromium	36	10 or SB	1.5 – 40	16.9	19.6	9.7	10.7	18.0	14.7
Cobalt	NS	30 or SB	2.5 – 60	6.0	7.3	4.7	3.6	6.6	5.2
Copper	270	25 or SB	1 – 50	20.3	69.6	12.2	13.1	42.5	22.0
Iron	NS	2,000 or SB	2,000 – 550,000	18,500	14,300	13,000	6,920	23,300	12,500
Lead	400	SB	200 – 500 (2)	67.9	216	9.8	154	327	29.1
Magnesium	NS	SB	100 – 5,000	3,340	2,960	1,460	3,140	1,330	3000
Manganese	2,000	SB	50 – 5,000	288	352	166	136	168	289
Mercury	0.81	0.1	0.001 – 0.2	0.091	0.28	0.29	0.016 J	0.32	0.033 J
Nickel	140	13 or SB	0.5 – 25	12.0	14.2	8.7	24.9	15.4	13.1
Potassium	NS	SB	8,500 – 43,000	1,290	1,310	547	1,060	493	1,090
Selenium	36	2 or SB	0.1 – 3.9	1.1 U	2.0 J	0.90 U	1.1 U	2.0 J	1.1 U
Silver	36	SB	NS	0.33 U	0.29 U	0.28 U	0.34 U	0.31 U	0.34 U
Sodium	NS	SB	6,000 – 8,000	1,430	931	405	477	222 J	712
Thallium	NS	SB	NS	3.6 U	3.2 U	3.1 U	3.7 U	3.5 U	3.8 U
Vanadium	NS	150 or SB	1 – 300	26.9	23.4	18.7	14.0	31.3	18.6
Zinc	2,200	20 or SB	9 – 50	44.4	76.8	21.7	35.9	48.2	49.0

Table 3
Former Domino Sugar Site
Phase II Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	Eastern USA Soil Background	SB-9 (1'-3') 220-7124-7 11/5/2008	SB-9 (5-6) 220-7124-8 11/5/2008	SB-10 (1'-3') 220-7141-2 11/6/2008	SB-10 (5'-7') 220-7141-3 11/6/2008	SB-12(1-3) 220-7163-5 11/7/2008
mg/kg								
Aluminum	NS	SB	33,000	4,840	5,150	9,610	8,340	2,880
Antimony	NS	SB	NS	1.4 U	1.6 U	1.5 U	1.5 U	1.3 U
Arsenic	16	7.5 or SB	3 – 12	1.4 J	2.2 J	0.80 U	2.2 J	5.0 J
Barium	350	300 or SB	15 – 600	48.7	49.3	94.4	63.2	53.7
Beryllium	14	0.16 or SB	0 – 1.75	0.32 J	0.29 U	0.35 J	0.30 J	0.24 U
Cadmium	2.5	1 or SB	0.1 – 1	0.62 U	0.69 U	0.67 U	0.66 U	1.7 J
Calcium	NS	SB	130 – 35,000	4,680	15,100	31,600	53,000	122,000
Chromium	36	10 or SB	1.5 – 40	11.9	15.6	13.6	13.6	6.3
Cobalt	NS	30 or SB	2.5 – 60	5.4	5.4	6.0	9.0	4.0
Copper	270	25 or SB	1 – 50	20.2	34.5	9.7	22.4	71.7
Iron	NS	2,000 or SB	2,000 – 550,000	9,240	11,000	13,800	17,400	9,740
Lead	400	SB	200 – 500 (2)	39.0	102	11.7	88.6	192
Magnesium	NS	SB	100 – 5,000	4,130	5,570	7,540	7,730	81,200
Manganese	2,000	SB	50 – 5,000	297	302	292	449	215
Mercury	0.81	0.1	0.001 – 0.2	0.11	0.57	0.083	0.052 J	0.22
Nickel	140	13 or SB	0.5 – 25	15.8	13.0	10.5	16.2	19.1
Potassium	NS	SB	8,500 – 43,000	940	999	4,500	2,560	676
Selenium	36	2 or SB	0.1 – 3.9	1.1 U	1.2 U	1.2 U	1.1 U	1.0 U
Silver	36	SB	NS	0.33 U	0.37 U	0.36 U	0.36 U	0.31 U
Sodium	NS	SB	6,000 – 8,000	436	550	1,460	1,180	377
Thallium	NS	SB	NS	3.7 U	4.1 U	4.0 U	4.0 U	3.4 U
Vanadium	NS	150 or SB	1 – 300	14.4	18.4	25.1	19.6	31.5
Zinc	2,200	20 or SB	9 – 50	73.1	93.1	37.6	56.5	96.9

Table 3
Former Domino Sugar Site
Phase II Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	Eastern USA Soil Background	SB-12(16-18) 220-7163-6 11/7/2008	SB-13(1-3) 220-7163-7 11/7/2008	SB-13(27-29) 220-7163-8 11/7/2008
mg/kg						
Aluminum	NS	SB	33,000	2,720	5,590	2,860
Antimony	NS	SB	NS	1.2 U	1.3 U	1.7 U
Arsenic	16	7.5 or SB	3 – 12	1.8 J	10.2	0.87 U
Barium	350	300 or SB	15 – 600	25.3	95.6	18.7
Beryllium	14	0.16 or SB	0 – 1.75	0.22 U	0.39 J	0.31 U
Cadmium	2.5	1 or SB	0.1 – 1	0.51 U	1.8 J	0.73 U
Calcium	NS	SB	130 – 35,000	874	59,100	6,400
Chromium	36	10 or SB	1.5 – 40	6.1	12.6	6.3
Cobalt	NS	30 or SB	2.5 – 60	3.4	5.4	3.3
Copper	270	25 or SB	1 – 50	9.5	79.7	7.9
Iron	NS	2,000 or SB	2,000 – 550,000	7,090	25,000	6,990
Lead	400	SB	200 – 500 (2)	4.1 J	446	2.8 J
Magnesium	NS	SB	100 – 5,000	1,390	3,900	3,280
Manganese	2,000	SB	50 – 5,000	283	242	211
Mercury	0.81	0.1	0.001 – 0.2	0.015 U	0.27	0.017 U
Nickel	140	13 or SB	0.5 – 25	11.1	13.2	6.4 J
Potassium	NS	SB	8,500 – 43,000	386	768	497
Selenium	36	2 or SB	0.1 – 3.9	0.88 U	0.95 U	1.3 U
Silver	36	SB	NS	0.27 U	0.30 U	0.39 U
Sodium	NS	SB	6,000 – 8,000	77.5 J	980	125 J
Thallium	NS	SB	NS	3.0 U	3.3 U	4.3 U
Vanadium	NS	150 or SB	1 – 300	8.9	23.2	8.0
Zinc	2,200	20 or SB	9 – 50	46.9	695	14.3 J

Table 4
Former Domino Sugar Site
Phase II Soil Analytical Results
Pesticides and Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-1 (2-4') 220-7124-5 11/4/2008	SB-2 (2-4') 220-7124-3 11/4/2008	SB-2 (7-9') 220-7124-4 11/4/2008	SB-3(4-6) 220-7163-3 11/7/2008	SB-3(10-12) 220-7163-4 11/7/2008	SB-4 (0.5'-2.5') 220-7124-1 11/4/2008
µg/Kg								
4,4'-DDD	2,600	2,900	0.66 U	1.3 J	0.64 U	0.69 U	0.78 U	0.94 J
4,4'-DDE	1,800	2,100	0.74 U	0.74 U	0.73 U	0.78 U	0.88 U	0.75 U
4,4'-DDT	1,700	2,100	0.90 U	0.90 U	0.88 U	6.9	1.1 U	0.91 U
Aldrin	19	41	0.20 U	0.20 U	0.20 U	0.21 U	0.24 U	0.20 U
alpha-BHC	97	110	0.27 U	0.27 U	0.26 U	0.28 U	0.32 U	0.27 U
alpha-Chlordane	910	540	0.30 U	0.31 U	0.30 U	0.32 U	0.36 U	0.31 U
beta-BHC	72	200	0.41 U	0.41 U	0.41 U	0.43 U	1.3 J	0.42 U
delta-BHC	100,000	300	0.40 U	0.40 U	0.40 U	0.42 U	0.48 U	0.41 U
Dieldrin	39	44	0.63 U	0.63 U	0.62 U	0.66 U	0.75 U	0.64 U
Endosulfan I	See Totals * 1,000	900	0.32 U	0.32 U	0.32 U	0.34 U	0.38 U	0.33 U
Endosulfan II	See Totals * 1,000	900	0.69 U	2.0 J	0.67 U	0.72 U	0.82 U	0.70 U
Endosulfan sulfate	See Totals * 1,000	1,000	0.66 U	0.66 U	0.64 U	0.69 U	4.5	0.66 U
Endrin	2200	100	0.68 U	4.8	0.67 U	0.71 U	1.7 J	1.4 J
Endrin aldehyde	NS	NS	0.45 U	6.4	0.48 J	4.7	0.53 U	3.3 J
Endrin ketone	NS	NS	0.67 U	0.67 U	0.66 U	0.70 U	5.7	0.68 U
gamma-BHC (Lindane)	280	60	0.32 U	0.32 U	0.31 U	0.33 U	0.38 U	0.32 U
gamma-Chlordane	NS	540	0.59 U	0.65 J	0.57 U	1.4 J	4.2	0.59 U
Heptachlor	420	100	0.35 U	0.35 U	0.35 U	0.37 U	0.42 U	0.36 U
Heptachlor epoxide	NS	20	0.33 U	0.33 U	0.33 U	0.35 U	0.40 U	0.34 U
Methoxychlor	NS	NS	4.0 U	33	4.0 U	4.2 U	4.8 U	4.1 U
Toxaphene	NS	NS	12 U	140	12 U	13 U	15 U	13 U
PCBs								
PCB-1016	NS	See Totals * 1,000	5.1 U	5.0 U	5.0 U	5.3 U	6.1 U	5.1 U
PCB-1221	NS	See Totals * 1,000	1.2 U	1.2 U	1.2 U	1.3 U	1.4 U	1.2 U
PCB-1232	NS	See Totals * 1,000	5.1 U	5.0 U	5.0 U	5.3 U	6.1 U	5.1 U
PCB-1242	NS	See Totals * 1,000	5.1 U	5.0 U	5.0 U	5.3 U	6.1 U	5.1 U
PCB-1248	NS	See Totals * 1,000	5.1 U	5.0 U	5.0 U	5.3 U	6.1 U	5.1 U
PCB-1254	NS	See Totals * 1,000	1.7 U	1.7 U	1.7 U	32	2.0 U	1.7 U
PCB-1260	NS	See Totals * 1,000	3.8 U	3.8 U	3.8 U	16 J	4.5 U	3.8 U
Total PCBs	1,000	1,000/10,000	ND	ND	ND	48	ND	ND

Table 4
Former Domino Sugar Site
Phase II Soil Analytical Results
Pesticides and Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-4 (6-7') 220-7124-2 11/4/2008	SB-5 (2-4') 220-7124-6 11/4/2008	SB-6 (4-5) 220-7124-9 11/5/2008	SB-7(1-3) 220-7163-1 11/7/2008	SB-7(6-7) 220-7163-2 11/7/2008	SB-8 (1'-2') 220-7141-1 11/6/2008
µg/Kg								
4,4'-DDD	2,600	2,900	0.67 U	8.0	0.68 U	0.63 U	0.74 U	0.64 U
4,4'-DDE	1,800	2,100	0.75 U	0.77 U	0.77 U	0.71 U	0.84 U	0.98 J
4,4'-DDT	1,700	2,100	0.91 U	7.8	0.93 U	0.86 U	1.0 U	0.87 U
Aldrin	19	41	0.20 U	0.21 U	0.21 U	0.19 U	0.23 U	0.19 U
alpha-BHC	97	110	0.27 U	0.28 U	0.28 U	0.26 U	0.30 U	0.26 U
alpha-Chlordane	910	540	0.31 U	0.32 U	0.32 U	0.29 U	0.34 U	0.30 U
beta-BHC	72	200	0.42 U	0.43 U	0.43 U	0.40 U	0.47 U	0.40 U
delta-BHC	100,000	300	0.41 U	0.96 J	0.42 U	0.39 U	0.46 U	0.39 U
Dieldrin	39	44	0.64 U	0.66 U	0.66 U	0.61 U	0.71 U	0.61 U
Endosulfan I	See Totals * 1,000	900	0.33 U	0.34 U	0.34 U	0.31 U	0.36 U	0.31 U
Endosulfan II	See Totals * 1,000	900	0.70 U	3.7 J	0.71 U	0.66 U	0.78 U	0.67 U
Endosulfan sulfate	See Totals * 1,000	1,000	0.67 U	0.68 U	0.68 U	0.63 U	0.74 U	0.64 U
Endrin	2200	100	0.83 J	7.3	0.71 U	0.66 U	0.77 U	0.66 U
Endrin aldehyde	NS	NS	2.1 J	7.5	0.47 U	0.43 U	0.51 U	0.44 U
Endrin ketone	NS	NS	0.68 U	0.70 U	0.70 U	0.65 U	0.76 U	0.65 U
gamma-BHC (Lindane)	280	60	0.32 U	0.33 U	0.33 U	0.31 U	0.36 U	0.31 U
gamma-Chlordane	NS	540	0.73 J	1.9 J	0.61 U	0.56 U	0.66 U	0.57 U
Heptachlor	420	100	0.36 U	0.75 J	0.37 U	0.34 U	0.40 U	1.0 J
Heptachlor epoxide	NS	20	0.34 U	0.35 U	0.35 U	0.32 U	0.38 U	0.55 J
Methoxychlor	NS	NS	4.1 U	4.2 U	4.2 U	3.9 U	4.6 U	3.9 U
Toxaphene	NS	NS	13 U	13 U	13 U	12 U	14 U	12 U
PCBs								
PCB-1016	NS	See Totals * 1,000	5.2 U	5.2 U	5.3 U	4.9 U	5.8 U	5.0 U *
PCB-1221	NS	See Totals * 1,000	1.2 U	1.2 U	1.3 U	1.2 U	1.4 U	1.2 U
PCB-1232	NS	See Totals * 1,000	5.2 U	5.2 U	5.3 U	4.9 U	5.8 U	5.0 U
PCB-1242	NS	See Totals * 1,000	5.2 U	5.2 U	5.3 U	4.9 U	5.8 U	5.0 U
PCB-1248	NS	See Totals * 1,000	5.2 U	5.2 U	5.3 U	4.9 U	5.8 U	5.0 U
PCB-1254	NS	See Totals * 1,000	1.7 U	1.7 U	1.8 U	1.6 U	1.9 U	1.6 U
PCB-1260	NS	See Totals * 1,000	3.9 U	3.9 U	3.9 U	6.1 J	4.3 U	3.7 U
Total PCBs	1,000	1,000/10,000	ND	ND	ND	6.1	ND	ND

Table 4
Former Domino Sugar Site
Phase II Soil Analytical Results
Pesticides and Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-9 (1-3') 220-7124-7 11/5/2008	SB-9 (5-6) 220-7124-8 11/5/2008	SB-10 (1'-3') 220-7141-2 11/6/2008	SB-10 (5'-7') 220-7141-3 11/6/2008	SB-12(1-3) 220-7163-5 11/7/2008
µg/Kg							
4,4'-DDD	2,600	2,900	0.62 U	0.65 U	0.65 U	0.70 U	7.3
4,4'-DDE	1,800	2,100	0.70 U	0.73 U	0.74 U	0.78 U	0.75 U
4,4'-DDT	1,700	2,100	0.84 U	0.88 U	0.89 U	0.95 U	13
Aldrin	19	41	0.19 U	0.20 U	0.20 U	0.21 U	0.20 U
alpha-BHC	97	110	0.25 U	0.27 U	0.27 U	0.29 U	0.27 U
alpha-Chlordane	910	540	0.29 U	0.30 U	0.30 U	0.32 U	0.31 U
beta-BHC	72	200	0.39 U	0.41 U	0.41 U	0.44 U	0.42 U
delta-BHC	100,000	300	0.38 U	0.40 U	0.40 U	0.43 U	0.41 U
Dieldrin	39	44	0.59 U	0.62 U	0.63 U	0.67 U	0.64 U
Endosulfan I	See Totals * 1,000	900	0.30 U	0.32 U	0.32 U	0.34 U	0.33 U
Endosulfan II	See Totals * 1,000	900	0.65 U	0.68 U	0.69 U	0.73 U	0.69 U
Endosulfan sulfate	See Totals * 1,000	1,000	0.62 U	0.65 U	0.65 U	0.70 U	0.66 U
Endrin	2200	100	0.64 U	0.67 U	0.68 U	0.72 U	0.69 U
Endrin aldehyde	NS	NS	0.42 U	0.44 U	0.45 U	0.48 U	10
Endrin ketone	NS	NS	0.63 U	0.66 U	0.67 U	0.71 U	0.68 U
gamma-BHC (Lindane)	280	60	0.30 U	0.31 U	0.32 U	0.34 U	0.32 U
gamma-Chlordane	NS	540	1.0 J	0.58 U	0.58 U	0.62 U	0.70 J
Heptachlor	420	100	0.33 U	0.35 U	0.35 U	0.37 U	0.36 U
Heptachlor epoxide	NS	20	0.31 U	0.33 U	0.33 U	0.35 U	0.34 U
Methoxychlor	NS	NS	3.8 U	4.0 U	4.0 U	4.3 U	4.1 U
Toxaphene	NS	NS	12 U	12 U	12 U	13 U	13 U
PCBs							
PCB-1016	NS	See Totals * 1,000	4.8 U	5.0 U	5.1 U *	5.4 U *	5.1 U
PCB-1221	NS	See Totals * 1,000	1.1 U	1.2 U	1.2 U	1.3 U	1.2 U
PCB-1232	NS	See Totals * 1,000	4.8 U	5.0 U	5.1 U	5.4 U	5.1 U
PCB-1242	NS	See Totals * 1,000	4.8 U	5.0 U	5.1 U	5.4 U	5.1 U
PCB-1248	NS	See Totals * 1,000	4.8 U	5.0 U	5.1 U	5.4 U	5.1 U
PCB-1254	NS	See Totals * 1,000	1.6 U	1.6 U	1.7 U	1.8 U	1.7 U
PCB-1260	NS	See Totals * 1,000	3.6 U	7.9 J	3.8 U	4.0 U	25
Total PCBs	1,000	1,000/10,000	ND	7.9	ND	ND	25

Table 4
Former Domino Sugar Site
Phase II Soil Analytical Results
Pesticides and Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Residential	NYSDEC TAGM #4046 RSCO	SB-12(16-18) 220-7163-6 11/7/2008	SB-13(1-3) 220-7163-7 11/7/2008	SB-13(27-29) 220-7163-8 11/7/2008
µg/Kg					
4,4'-DDD	2,600	2,900	0.64 U	15	0.70 U
4,4'-DDE	1,800	2,100	0.72 U	0.76 U	0.79 U
4,4'-DDT	1,700	2,100	0.87 U	9.3	0.96 U
Aldrin	19	41	0.19 U	0.20 U	0.21 U
alpha-BHC	97	110	0.26 U	0.28 U	0.29 U
alpha-Chlordane	910	540	0.29 U	0.31 U	0.33 U
beta-BHC	72	200	0.40 U	0.61 J	0.44 U
delta-BHC	100,000	300	0.39 U	0.41 U	0.43 U
Dieldrin	39	44	0.61 U	0.64 U	0.68 U
Endosulfan I	See Totals * 1,000	900	0.31 U	0.33 U	0.35 U
Endosulfan II	See Totals * 1,000	900	0.67 U	2.9 J	0.74 U
Endosulfan sulfate	See Totals * 1,000	1,000	0.64 U	0.67 U	0.70 U
Endrin	2200	100	0.66 U	5.1	0.73 U
Endrin aldehyde	NS	NS	0.44 U	14	0.48 U
Endrin ketone	NS	NS	0.65 U	0.68 U	0.72 U
gamma-BHC (Lindane)	280	60	0.31 U	0.32 U	0.34 U
gamma-Chlordane	NS	540	0.57 U	2.0	0.63 U
Heptachlor	420	100	0.34 U	0.36 U	0.38 U
Heptachlor epoxide	NS	20	0.32 U	0.34 U	0.36 U
Methoxychlor	NS	NS	3.9 U	14 J	4.3 U
Toxaphene	NS	NS	12 U	13 U	13 U
PCBs					
PCB-1016	NS	See Totals * 1,000	4.9 U	5.2 U	5.5 U
PCB-1221	NS	See Totals * 1,000	1.2 U	1.2 U	1.3 U
PCB-1232	NS	See Totals * 1,000	4.9 U	5.2 U	5.5 U
PCB-1242	NS	See Totals * 1,000	4.9 U	5.2 U	5.5 U
PCB-1248	NS	See Totals * 1,000	4.9 U	5.2 U	5.5 U
PCB-1254	NS	See Totals * 1,000	1.6 U	1.7 U	1.8 U
PCB-1260	NS	See Totals * 1,000	3.7 U	7.7 J	4.1 U
Total PCBs	1,000	1,000/10,000	ND	7.7	ND

Table 5
Former Domino Sugar Site
Phase II Groundwater Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution	NYSDEC Class GA Ambient Standard	SB-2 220-7124-10 11/4/2008 2	SB-5 220-7124-11 11/5/2008 1	SB-6 220-7124-13 11/5/2008 1	SB-7 220-7163-10 11/7/2008 1	SB-13 220-7163-13 11/7/2008 1	W-4 220-7163-9 11/7/2008 1	TRIP BLANK 220-7124-12 11/5/2008 1	TRIP BLANK 220-7163-12 11/7/2008 1	DFB 220-7163-11 11/7/2008 1
ug/L										
1,1,1-Trichloroethane	5	1.4 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
1,1,2,2-Tetrachloroethane	5	1.6 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
1,1,2-Trichloroethane	1	1.3 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
1,1-Dichloroethane	5	2.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	1.7 U	0.83 U	0.83 U	0.83 U	1.7 J	0.83 U	0.83 U	0.83 U	0.83 U
1,2-Dichloroethane	0.6	1.4 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
1,2-Dichloropropane	1	1.4 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Hexanone	50	2.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Acetone	50	38	1.9 J	1.0 U	1.0 U	2.4 J	1.1 J	2.0 J *	1.0 U	1.1 J
Benzene	1	1.5 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Bromodichloromethane	50	0.96 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Bromoform	50	0.92 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Bromomethane	5	4.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Carbon disulfide	60	1.8 U	0.90 U	0.90 U	0.90 U	0.90 J	0.90 U	0.90 U	0.90 U	0.90 U
Carbon tetrachloride	5	2.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Chlorobenzene	5	1.4 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Chloroethane	5	2.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Chloroform	7	1.3 U	0.67 U	0.67 U	0.67 U	1.5 J	0.67 U	0.67 U	0.67 U	0.67 U
Chloromethane	5	2.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
cis-1,2-Dichloroethene	5	3.6 J	0.99 U	0.99 U	0.99 U	5.5	0.99 U	0.99 U	0.99 U	0.99 U
cis-1,3-Dichloropropene	0.4 sum	0.56 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Dibromochloromethane	50	1.1 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Ethylbenzene	5	1.7 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U
Methyl Ethyl Ketone	50	140	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
methyl isobutyl ketone	NS	0.76 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Methylene Chloride	5	1.6 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Styrene	5	1.3 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
Tetrachloroethene	5	1.6 U	0.81 U	0.81 U	0.81 U	5.7	0.81 U	0.81 U	0.81 U	0.81 U
Toluene	5	1.5 J	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
trans-1,2-Dichloroethene	5	1.5 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
trans-1,3-Dichloropropene	0.4 sum	1.1 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Trichloroethene	5	1.2 U	0.62 U	0.62 U	0.62 U	27	0.62 U	0.62 U	0.62 U	0.62 U
Vinyl chloride	2	2.0 U	1.2 J	0.99 U	0.99 U	0.99 U	0.99 U	0.99 U	0.99 U	0.99 U
Xylenes, Total	5	4.5 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U

Table 6
Former Domino Sugar Site
Phase II Groundwater Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC	SB-2	SB-5	SB-6	SB-7	SB-13	W-4	DFB
Lab Sample ID	Class GA	220-7124-10	220-7124-11	220-7124-13	220-7163-10	220-7163-13	220-7163-9	220-7163-11
Date Sampled	Ambient Standard	11/4/2008	11/5/2008	11/5/2008	11/7/2008	11/7/2008	11/7/2008	11/7/2008
µg/L								
1,2,4-Trichlorobenzene	5	0.71 U	0.72 U	0.68 U	0.74 U	0.65 U	0.72 U	0.69 U
1,2-Dichlorobenzene	3	0.52 U	0.53 U	0.51 U	0.55 U	0.48 U	0.53 U	0.51 U
1,3-Dichlorobenzene	3	0.47 U	0.48 U	0.45 U	0.49 U	0.43 U	0.48 U	0.46 U
1,4-Dichlorobenzene	3	0.55 U	0.57 U	0.54 U	0.58 U	0.51 U	0.57 U	0.54 U
2,2'-oxybis[1-chloropropane]	5	0.77 U	0.79 U	0.75 U	0.81 U	0.71 U	0.79 U	0.76 U
2,4,5-Trichlorophenol	1*	0.59 U	0.60 U	0.57 U	0.61 U	0.54 U	0.60 U	0.57 U
2,4,6-Trichlorophenol	1*	0.53 U	0.54 U	0.52 U	0.56 U	0.49 U	0.54 U	0.52 U
2,4-Dichlorophenol	5	0.60 U	0.61 U	0.58 U	0.63 U	0.55 U	0.61 U	0.59 U
2,4-Dimethylphenol	50	0.54 U	0.56 U	0.53 U	0.57 U	0.50 U	0.56 U	0.53 U
2,4-Dinitrophenol	10	1.2 U	1.2 U	1.2 U	1.3 U	1.1 U	1.2 U	1.2 U
2,4-Dinitrotoluene	5	0.33 U	0.33 U	0.32 U	0.34 U	0.30 U	0.33 U	0.32 U
2,6-Dinitrotoluene	5	0.46 U	0.47 U	0.44 U	0.48 U	0.42 U	0.47 U	0.45 U
2-Chloronaphthalene	10	0.53 U	0.54 U	0.52 U	0.56 U	0.49 U	0.54 U	0.52 U
2-Chlorophenol	1*	0.66 U	0.68 U	0.64 U	0.69 U	0.61 U	0.68 U	0.65 U
2-Methylnaphthalene	NS	0.51 U	0.52 U	0.49 U	0.53 U	0.47 U	0.52 U	0.50 U
2-Methylphenol	1*	0.65 U	0.67 U	0.63 U	0.68 U	0.60 U	0.67 U	0.64 U
2-Nitroaniline	5	0.58 U	0.59 U	0.56 U	0.60 U	0.53 U	0.59 U	0.56 U
2-Nitrophenol	1*	0.55 U	0.57 U	0.54 U	0.58 U	0.51 U	0.57 U	0.54 U
3,3'-Dichlorobenzidine	5	0.72 U	0.73 U	0.69 U	0.75 U	0.66 U	0.73 U	0.70 U
3-Nitroaniline	5	0.40 U	0.41 U	0.39 U	0.42 U	0.37 U	0.41 U	0.39 U
4,6-Dinitro-2-methylphenol	1*	0.40 U	0.41 U	0.39 U	0.42 U	0.37 U	0.41 U	0.39 U
4-Bromophenyl phenyl ether	1*	0.53 U	0.54 U	0.52 U	0.56 U	0.49 U	0.54 U	0.52 U
4-Chloro-3-methylphenol	1*	1.5 U	1.5 U	1.4 U	1.5 U	1.3 U	1.5 U	1.4 U
4-Chloroaniline	5	0.73 U	0.74 U	0.71 U	0.76 U	0.67 U	0.74 U	0.71 U
4-Chlorophenyl phenyl ether	1*	0.53 U	0.54 U	0.52 U	0.56 U	0.49 U	0.54 U	0.52 U
4-Methylphenol	1*	37	0.43 U	0.41 U	0.44 U	0.39 U	0.43 U	0.41 U
4-Nitroaniline	5	0.30 U	0.31 U	0.29 U	0.32 U	0.28 U	0.31 U	0.30 U
4-Nitrophenol	1*	0.41 U	0.42 U	0.40 U	0.43 U	0.38 U	0.42 U	0.40 U
Acenaphthene	20	0.41 U	0.42 U	0.40 U	0.68 J	0.38 U	0.42 U	0.40 U
Acenaphthylene	NS	0.51 U	0.52 U	0.49 U	0.53 U	0.47 U	0.52 U	0.50 U
Anthracene	50	0.46 U	1.1 J	0.44 U	1.5 J	0.42 U	0.47 U	0.45 U
Benzo[a]anthracene	0.002	0.40 U	2.8 J	0.39 U	1.1 J	0.49 J	0.41 U	0.39 U
Benzo[a]pyrene	NS	0.40 U	2.0 J	0.39 U	3.2 J	0.38 J	0.41 U	0.39 U
Benzo[b]fluoranthene	0.002	0.41 U	2.6 J	0.40 U	0.43 U	0.48 J	0.42 U	0.40 U
Benzo[g,h,i]perylene	NS	0.32 U	3.5 J	0.31 U	5.1	1.8 J	0.32 U	0.31 U
Benzo[k]fluoranthene	0.002	0.47 U	1.1 J	0.45 U	0.49 U	0.43 U	0.48 U	0.46 U
Benzyl alcohol	NS	0.42 U	0.43 U	0.41 U	0.44 U	0.39 U	0.43 U	0.41 U
Bis(2-chloroethoxy)methane	5	1.2 U	1.3 U	1.2 U	1.3 U	1.1 U	1.3 U	1.2 U
Bis(2-chloroethyl)ether	1	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.2 U	1.1 U
Bis(2-ethylhexyl) phthalate	5	0.54 U	11	3.7 J	5.1	42	0.56 U	0.53 U
Butyl benzyl phthalate	50	0.52 U	0.53 U	0.51 U	0.55 U	0.48 U	0.53 U	0.51 U
Carbazole	NS	0.38 U	0.72 J	0.37 U	0.40 U	0.35 U	0.39 U	0.37 U
Chrysene	0.002	0.43 U	2.8 J	0.42 U	1.8 J	0.49 J	0.44 U	0.43 U
Dibenz(a,h)anthracene	NS	0.35 U	0.36 U	0.34 U	0.36 U	0.32 U	0.36 U	0.34 U
Dibenzofuran	NS	0.42 U	0.43 U	0.41 U	0.44 U	0.39 U	0.43 U	0.41 U
Diethyl phthalate	50	0.46 U	0.47 U	0.44 U	0.48 U	0.42 U	0.47 U	0.45 U
Dimethyl phthalate	50	0.36 U	0.37 U	0.35 U	0.38 U	0.33 U	0.37 U	0.35 U
Di-n-butyl phthalate	50	0.53 U	0.70 J	0.52 U	0.56 U	0.49 U	0.54 U	0.52 U
Di-n-octyl phthalate	50	0.49 U	0.50 U	0.47 U	0.51 U	0.45 U	0.50 U	0.48 U
Fluoranthene	50	0.46 U	5.8	0.44 U	1.4 J	1.3 J	0.47 U	0.45 U
Fluorene	50	0.52 U	0.53 U	0.51 U	0.55 U	0.48 U	0.53 U	0.51 U
Hexachlorobenzene	0.04	0.52 U	0.53 U	0.51 U	0.55 U	0.48 U	0.53 U	0.51 U
Hexachlorobutadiene	0.5	0.93 U	0.96 U	0.91 U	0.98 U	0.86 U	0.96 U	0.91 U
Hexachlorocyclopentadiene	5	0.82 U	0.83 U	0.79 U	0.85 U	0.75 U	0.83 U	0.80 U
Hexachloroethane	5	0.57 U	0.58 U	0.55 U	0.59 U	0.52 U	0.58 U	0.55 U
Indeno[1,2,3-cd]pyrene	0.002	0.45 U	6.3	0.43 U	0.47 U	3.7 J	0.46 U	0.44 U
Isophorone	50	0.41 U	0.42 U	0.40 U	0.43 U	0.38 U	0.42 U	0.40 U
Naphthalene	10	0.46 U	0.47 U	0.84 J	0.48 U	0.42 U	0.47 U	0.45 U
Nitrobenzene	0.4	0.79 U	0.81 U	0.77 U	0.83 U	0.73 U	0.81 U	0.78 U
N-Nitrosodi-n-propylamine	NS	0.45 U	0.46 U	0.43 U	0.47 U	0.41 U	0.46 U	0.44 U
N-Nitrosodiphenylamine	50	0.38 U	0.39 U	0.37 U	0.40 U	0.35 U	0.39 U	0.37 U
Pentachlorophenol	NS	1.3 U	1.3 U	1.3 U	1.4 U	1.2 U	1.3 U	1.3 U
Phenanthrene	50	0.42 U	5.1	0.41 U	0.44 U	1.2 J	0.43 U	0.41 U
Phenol	NS	0.32 U	0.32 U	0.31 U	0.33 U	0.29 U	0.32 U	0.31 U
Pyrene	50	0.46 U	5.0	0.44 U	7.1	1.0 J	0.47 U	0.45 U

Table 7
Former Domino Sugar Site
Phase II Groundwater Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution µg/L	NYSDEC Class GA Ambient Standard	SB-2 220-7124-10 11/4/2008 5	SB-5 220-7124-11 11/5/2008 5	SB-6 220-7124-13 11/5/2008 1	SB-7 220-7163-10 11/7/2008 1	SB-13 220-7163-13 11/7/2008 1	W-4 220-7163-9 11/7/2008 1	DFB 220-7163-11 11/7/2008 1
Aluminum	NS	46,400	468,000	150 J	8,200	60,600	1,400	47 U
Antimony	3	44 U	44 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
Arsenic	25	22 U	150	4.4 U	47	40	4.4 U	4.4 U
Barium	1,000	840	4,800	61	120	590	310	1.2 U
Beryllium	3	5.9 J	45 J	1.1 U	1.1 U	5.2 J	1.1 U	1.1 U
Cadmium	5	14 U	14 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
Calcium	NS	102,000	326,000	66,000	168,000	141,000	48,500	62 U
Chromium	50	150	1,100	1.0 U	24	500	5.9 J	1.0 U
Cobalt	NS	82	470	1.4 U	7.1 J	99	3.6 J	1.4 U
Copper	200	360	4,900	180	79	580	20	1.4 U
Iron	300+	327,000	1,190,000	640	25,200	178,000	2,200	62 U
Lead	25	460	1,800	3.1 J	300	160	3.0 U	3.0 U
Magnesium	35,000	40,300	230,000	49,400	55,000	64,900	8,300	49 U
Manganese	300+	5,800	43,700	1,200	810	2,700	6,800	2.3 U
Mercury	0.7	0.90	0.63	0.090 U	0.36	0.090 U	0.090 U	0.090 U
Nickel	100	130	1,100	2.3 J	20	390	12	1.4 U
Potassium	NS	35,500	136,000	41,800	33,100	22,800	14,900	81 U
Selenium	10	19 J	16 U	3.2 U	3.2 U	5.3 J	5.1 J	3.2 U
Silver	50	6.5 U	6.5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Sodium	20,000	114,000	192,000	389,000	243,000	213,000	417,000	50 U
Thallium	0.5	40 U	40 U	8.0 U	8.0 U	8.0 U	8.0 U	8.0 U
Vanadium	NS	190	1,800	1.2 U	34	210	11	1.2 U
Zinc	2,000	410	2,900	7.0 U	110	7,700	14 J	7.0 U

Table 8
Former Domino Sugar Site
Phase II Groundwater Analytical Results
Dissolved Metals

Client ID Lab Sample ID Date Sampled	NYSDEC Class GA Ambient Standard	SB-2 220-7124-10 11/4/2008	SB-5 220-7124-11 11/5/2008	SB-6 220-7124-13 11/5/2008	SB-7 220-7163-10 11/7/2008	SB-13 220-7163-13 11/7/2008	W-4 220-7163-9 11/7/2008
µg/L							
Aluminum	NS	47 U	47 U	180 J	47 U	47 U	47 U
Antimony	3	8.8 U	8.8 U				
Arsenic	25	7.1 J	11 J	4.4 U	16 J	4.4 U	4.4 U
Barium	1,000	400	640	68	52	82	45
Beryllium	3	1.1 U	1.1 U				
Cadmium	5	2.8 U	2.8 U				
Calcium	NS	69,200	134,000	72,400	152,000	131,000	46,500
Chromium	50	1.0 J	1.0 U	1.0 U	1.0 U	1.0 U	4.5 J
Cobalt	NS	3.1 J	1.4 U	1.4 U	1.4 U	14	1.4 U
Copper	200	1.4 U	8.7 J	200	1.4 U	1.4 U	1.4 U
Iron	300+	145,000	43,400	720	2,000	1,800	62 U
Lead	25	3.0 U	3.0 U	3.9 J	3.0 U	3.0 U	3.0 U
Magnesium	35,000	21,800	38,400	54,500	50,200	38,500	7,600
Manganese	300+	2,300	1,400	1300	530	630	2.3 U
Mercury	0.7	0.090 U	0.090 U				
Nickel	100	1.4 U	1.4 U	2.3 J	1.4 U	19	1.4 U
Potassium	NS	32,500	27,700	47,400	30,100	9,000	14,300
Selenium	10	4.3 J	3.2 U	3.2 U	3.2 U	5.8 J	4.9 J
Silver	50	1.3 U	1.3 U				
Sodium	20,000	85,100	117,000	428,000	233,000	211,000	411,000
Thallium	0.5	8.0 U	8.0 U				
Vanadium	NS	4.2 J	1.2 U	1.2 U	3.2 J	1.2 U	2.2 J
Zinc	2,000	7.0 U	7.0 U	7.0 U	7.0 U	250	7.0 U

Table 9
Former Domino Sugar Site
Phase II Groundwater Analytical Results
Pesticides and Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled	NYSDEC Class GA Ambient Standard	SB-2 220-7124-10 11/4/2008	SB-2 220-7124-10 11/4/2008 Secondary Low	SB-5 220-7124-11 11/5/2008	SB-6 220-7124-13 11/5/2008	SB-6 220-7124-13 11/5/2008 Secondary Low	SB-7 220-7163-10 11/7/2008	SB-13 220-7163-13 11/7/2008	W-4 220-7163-9 11/7/2008	DFB 220-7163-11 11/7/2008
µg/L										
4,4'-DDD	0.3	0.012 U	0.012 U H	0.012 U	0.012 U	0.012 U H	0.012 U	0.012 U	0.012 U	0.012 U
4,4'-DDE	0.2	0.010 U	0.011 U H	0.010 U	0.010 U	0.010 U H	0.010 U	0.011 U	0.010 U	0.010 U
4,4'-DDT	0.2	0.015 U	0.016 U H	0.015 U	0.015 U	0.015 U H	0.015 U	0.016 U	0.015 U	0.015 U
Aldrin	NS	0.0090 U	0.0091 U H	0.0088 U	0.0087 U	0.0090 U H	0.0089 U	0.0092 U	0.0090 U	0.0087 U
alpha-BHC	0.01	0.0087 U	0.0088 U H	0.0085 U	0.0084 U	0.0087 U H	0.0086 U	0.0089 U	0.0087 U	0.0084 U
alpha-Chlordane	0.05	0.0053 U	0.0053 U H	0.0052 U	0.0051 U	0.0053 U H	0.0052 U	0.0054 U	0.0053 U	0.0051 U
beta-BHC	0.04	0.0082 U	0.0083 U H	0.0081 U	0.0080 U	0.0082 U H	0.0082 U	0.0084 U	0.0082 U	0.0080 U
delta-BHC	0.04	0.0063 U	0.0070 J H	0.0061 U	0.0061 U	0.0063 U H	0.0062 U	0.0064 U	0.0063 U	0.0061 U
Dieldrin	0.004	0.011 U	0.011 U H	0.011 U	0.010 U	0.011 U H	0.011 U	0.011 U	0.011 U	0.010 U
Endosulfan I	NS	0.0051 U	0.0051 U H	0.0049 U	0.0049 U	0.0051 U H	0.0050 U	0.0052 U	0.0051 U	0.0049 U
Endosulfan II	NS	0.011 U	0.011 U H	0.010 U	0.010 U	0.011 U H	0.011 U	0.011 U	0.011 U	0.010 U
Endosulfan sulfate	NS	0.015 U	0.015 U H	0.015 U	0.014 U	0.015 U H	0.015 U	0.015 U	0.015 U	0.014 U
Endrin	NS	0.015 U	0.016 U H	0.015 U	0.015 U	0.015 U H	0.015 U	0.016 U	0.015 U	0.015 U
Endrin aldehyde	5	0.010 U	0.010 U H	0.0098 U	0.0097 U	0.010 U H	0.0099 U	0.010 U	0.010 U	0.0097 U
Endrin ketone	5	0.012 U	0.012 U H	0.011 U	0.011 U	0.012 U H	0.011 U	0.012 U	0.012 U	0.011 U
gamma-BHC (Lindane)	0.05	0.0058 U	0.0059 U H	0.0057 U	0.0056 U	0.0058 U H	0.0058 U	0.0060 U	0.0058 U	0.0056 U
gamma-Chlordane	0.05	0.0053 U	0.0081 J H	0.0052 U	0.0051 U	0.0053 U H	0.0072 J	0.0054 U	0.0053 U	0.0065 J
Heptachlor	0.04	0.0082 U	0.0083 U H	0.0081 U	0.0080 U	0.0082 U H	0.0082 U	0.0084 U	0.0082 U	0.0080 U
Heptachlor epoxide	0.03	0.0064 U	0.0064 U H	0.0062 U	0.0062 U	0.0064 U H	0.0063 U	0.0065 U	0.0064 U	0.0062 U
Methoxychlor	35	0.10 U	0.10 U H	0.098 U	0.097 U	0.10 U H	0.099 U	0.10 U	0.10 U	0.097 U
Toxaphene	0.06	0.24 U	0.24 U H	0.23 U	0.23 U	0.24 U H	0.23 U	0.24 U	0.24 U	0.23 U
PCBs										
PCB-1016	NS	0.082 U	NA	0.082 U	0.080 U	NA	0.082 U	0.084 U	0.082 U	0.080 U
PCB-1221	NS	0.35 U	NA	0.35 U	0.34 U	NA	0.35 U	0.36 U	0.35 U	0.34 U
PCB-1232	NS	0.082 U	NA	0.082 U	0.080 U	NA	0.082 U	0.084 U	0.082 U	0.080 U
PCB-1242	NS	0.082 U	NA	0.082 U	0.080 U	NA	0.082 U	0.084 U	0.082 U	0.080 U
PCB-1248	NS	0.082 U	NA	0.082 U	0.080 U	NA	0.082 U	0.084 U	0.082 U	0.080 U
PCB-1254	NS	0.049 U	NA	0.049 U	0.048 U	NA	0.049 U	0.051 U	0.049 U	0.048 U
PCB-1260	NS	0.052 U	NA	0.051 U	0.050 U	NA	0.051 U	0.053 U	0.052 U	0.050 U
Total PCBs	0.09	NA	NA	ND	ND	NA	ND	ND	ND	ND

Tables 1-9
Former Domino Sugar Site
Phase II Soil and Groundwater Analytical Results
Notes

GENERAL

- NS** : No soil cleanup objective listed.
- ND** : No Detect
- NA** : Not Analyzed
- U** : The analyte was not detected at the indicated concentration.
- SB** : Site Background
- J** : Indicates an estimated value.
- *** : LCS or LCSD exceeds the control limits.

Exceedences are highlighted in bold font.

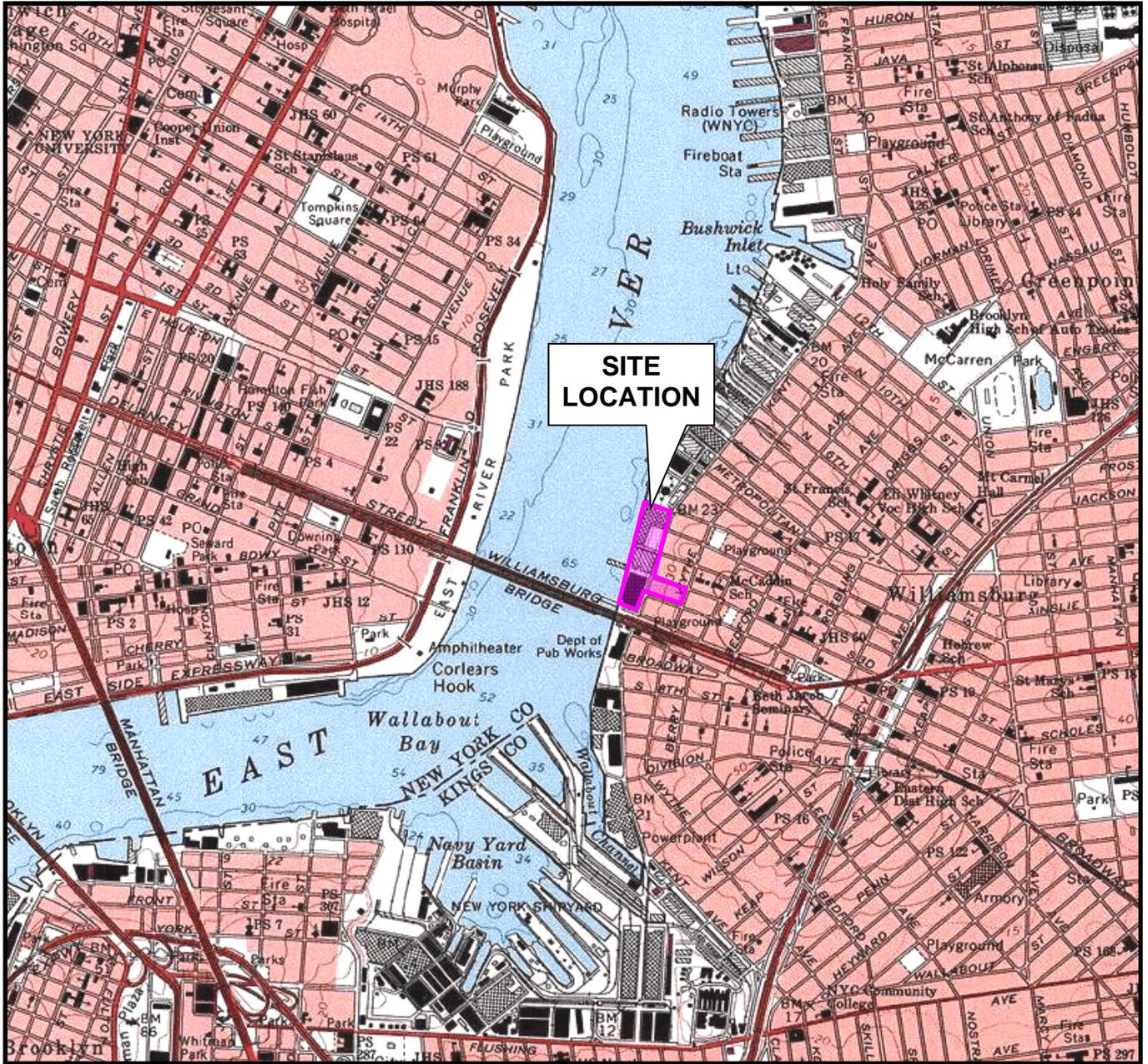
SOIL

- TAGM 4046 RSCO** : Recommended Soil Cleanup Objective listed in New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) #4046
- NYSDEC Part 375 Standard** : Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).
- Eastern US Background** : For heavy metals, Eastern US Soil Background values may be used as soil cleanup objectives.
- µg/kg** : micrograms per kilogram = parts per billion (ppb)
- mg/kg** : milligrams per kilogram = parts per million (ppm)
- H** : Sample was prepped or analyzed beyond the specific holding time.

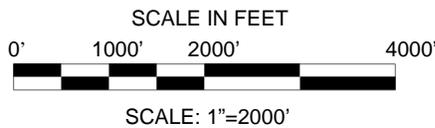
GROUNDWATER

- NYSDEC Class GA Ambient** : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.
- µg/L** : micrograms per Liter = parts per billion (ppb)
- *** : One (1) parts per billion (ppb) or micrograms per liter (ug/l) is the Class GA Standard for total phenolic compounds.

FIGURES



© 2008 AKRF, Inc. Environmental Consultants W:\Projects\10560 - DOMINO SUGAR Haz. Map\Figures\10560 Fig 1 loc map.pub



SOURCE:
7.5 MINUTE SERIES USGS TOPOGRAPHIC MAP
QUADRANGLE: BROOKLYN, NY 1995

**DOMINO SUGAR SITE
BROOKLYN, NEW YORK**

PROJECT SITE LOCATION



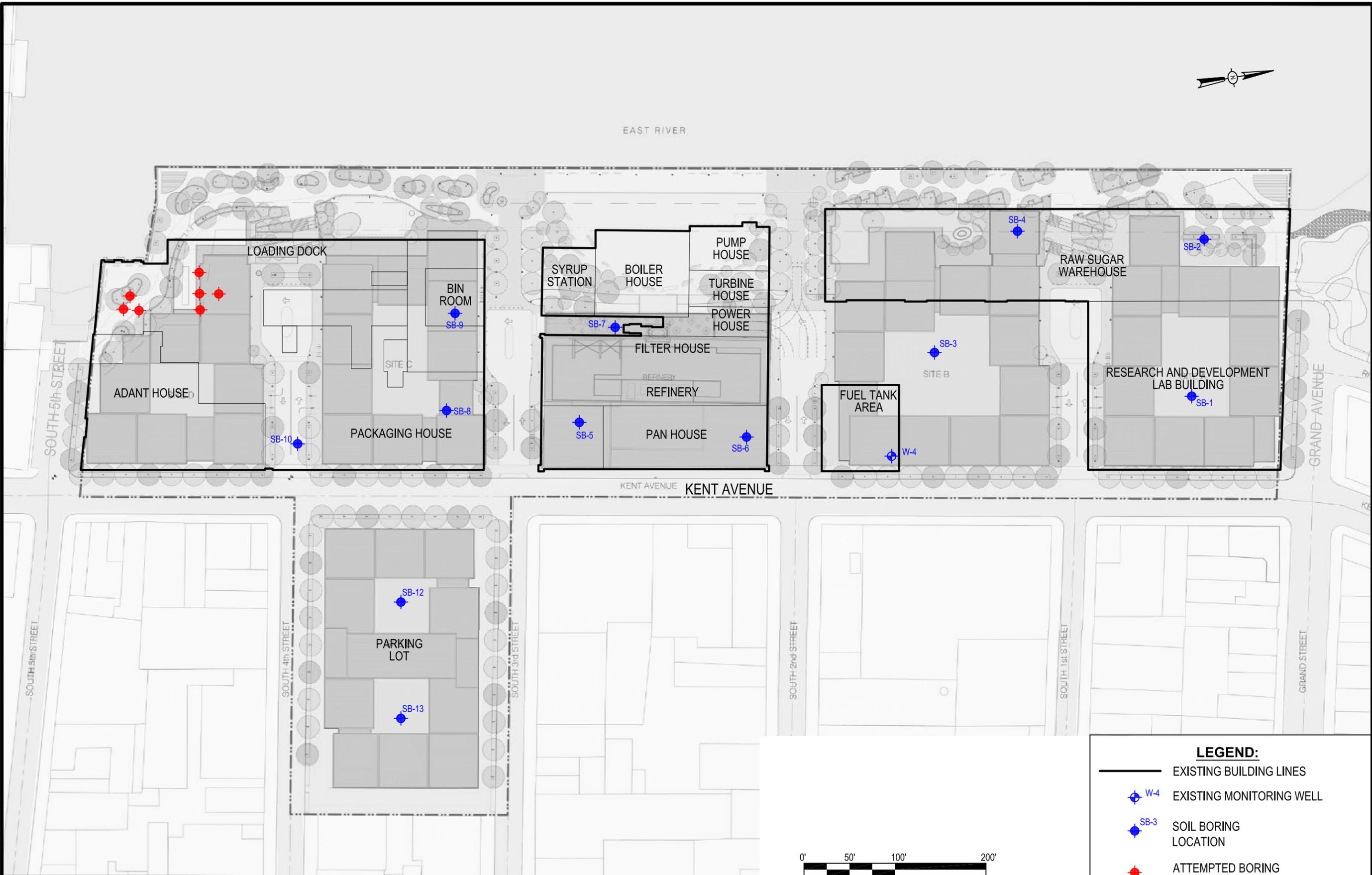
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.29.08

PROJECT No.
10560

SCALE
as shown

FIGURE
1



LEGEND:

-  EXISTING BUILDING LINES
-  W-4 EXISTING MONITORING WELL
-  SB-3 SOIL BORING LOCATION
-  ATTEMPTED BORING LOCATION AT PROPOSED SB-11 WITH REFUSAL DUE TO REINFORCED CONCRETE



DOMINO SUGAR SITE
BROOKLYN, NEW YORK
SOIL BORING LOCATIONS

DATE	1.9.09
PROJECT NO.	11132
SCALE	as shown
FIGURE	2

APPENDIX A
BORING LOGS

<h1>AKRF, Inc.</h1>		Former Domino Sugar Site AKRF Project Number : 11132-0001		Boring No. SB-1						
Environmental Consultants 34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 60 F; Clear Sampler: AKRF/ DH & SG		Sheet 1 of 1						
				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="2" style="text-align: left;">Drilling</th></tr> <tr><td>Start</td><td>Finish</td></tr> <tr><td>Time: 1330</td><td>Time: 1430</td></tr> <tr><td>Date: 11/4/08</td><td>Date: 11/4/08</td></tr> </table>			Drilling		Start	Finish
Drilling										
Start	Finish									
Time: 1330	Time: 1430									
Date: 11/4/08	Date: 11/4/08									
Depth (feet)	Recovery (Inches)	Surface Condition: 4" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis				
1	36"	Top 4": CONCRETE. Middle 4": CONCRETE (SLOUGH). Bottom 28": Brown fine to medium SAND, some Silt.	ND	No Odor	Dry	SB-1 (2'-4')				
2			ND	No Odor	Dry					
3			ND	No Odor	Dry					
4										
5		End of boring at 5 feet below grade due to geoprobe refusal.								
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
Notes: PID - Photoionization detector ND - Not Detected Groundwater was not encountered. Soil sample SB-1 (2'-4') sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) meta										

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-2		
Environmental Consultants		AKRF Project Number : 11132-0001		Sheet 1 of 1		
34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 60 F; Clear Sampler: AKRF/ DH & SG		Drilling Start _____ Finish _____ Time: 0950 _____ Time: 1100 _____ Date: 11/4/08 _____ Date: 11/4/08 _____		
Depth (feet)	Recovery (Inches)	Surface Condition: 10" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	24"	Brown fine to medium SAND, some Silt, fine Gravel, Brick (FILL).	ND	No Odor	Dry	SB-2 (2'-4')
2			ND	No Odor	Dry	
3						
4						
5	10"	Brown fine to medium SAND, some Silt, fine Gravel, Brick (FILL).	ND	No Odor	Moist	SB-2 (7'-9')
6						
7						
8						
9	48"	Top 10": Brown fine to medium SAND, some Silt, fine Gravel, Brick (FILL). Middle 10": Brown coarse SAND, some fine Sand, Silt, Gravel. Bottom 28": Brown fine to coarse SAND, little fine Gravel, trace brown/gray Silt.	ND	Organics	Wet	SB-2 Groundwater
10			ND	Organics	Wet	
11			ND	Organics	Wet	
12			ND	Organics	Wet	
13		End of boring at 12 feet below grade.				
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
 Groundwater encountered at approximately 9 feet below grade on soil sample in acetate liner.
 Soil sample SB-2 (2'-4') (7'-9') and SB-2 Groundwater sent to lab to be analyzed for VOCs (8260), SVOCs (8270)
 PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-3		
Environmental Consultants		AKRF Project Number : 11132-0001		Sheet 1 of 1		
34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 60 F; Clear Sampler: AKRF/ DH & SG		Drilling Start _____ Finish _____ Time: 0900 _____ Time: 1130 _____ Date: 11/4/08 _____ Date: 11/4/08 _____		
Depth (feet)	Recovery (Inches)	Surface Condition: 6" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	48"	Top 3": TOP SOIL.	ND	No Odor	Dry	SB-3 Groundwater
2		Middle 6": BRICK (FILL).	ND	No Odor	Dry	
3		Middle 8": Coarse GRAVEL, some dark brown medium to coarse Sand, Silt, Brick (FILL).	ND	No Odor	Dry	
4		Bottom 31": COAL, trace Wood, black Silty Sand.	ND	No Odor	Dry	
5	20"	Top 3": ASH, trace Wood (FILL).	ND	No Odor	Dry	SB-3 (4'-6')
6		Middle 4": BRICK (FILL).	ND	No Odor	Dry	
7		Middle 2": Yellow/brown coarse SAND, trace Silt (FILL).			Dry	
8		Bottom 11": Yellow/ brown coarse SAND, trace Silt (Fill).			Dry	
9	48"	Top 6": WOOD (FILL).	ND	Organics	Dry	SB-3 (10'-12')
10		Middle 20": BRICK, some coarse gray Sand, fine Gravel, trace Concrete (FILL).	ND	Organics	Dry	
11		Bottom 22": Black SILTY SAND, some fine Gravel, Wood. (FILL).	ND	Organics	Dry	
12			ND	Organics	Moist	
13		End of boring at 12 feet below grade due to geoprobe refusal.				
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
Groundwater was not encountered.
Soil sample SB-3 (4'-6') (10'-12') (SB-3 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-4		
Environmental Consultants		AKRF Project Number : 11132-0001		Sheet 1 of 1		
34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 60 F; Clear Sampler: AKRF/ DH & SG		Drilling Start _____ Finish _____ Time: 0930 _____ Time: 1030 _____ Date: 11/7/08 _____ Date: 11/7/08 _____		
Depth (feet)	Recovery (Inches)	Surface Condition: 6" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	24"	Top 14": Brown fine to medium SAND, some coarse Sand, little Silt, little fine to medium Gravel (Fill).	0.6	No Odor	Dry	SB-4 (.5'-2.5')
2		Middle 6": CONCRETE.	0.7	No Odor	Dry	
3		Bottom 4": BRICK (FILL).	0.2	No Odor	Dry	
4						
5	25"	Top 3": SLOUGH.	ND	No Odor	Dry	SB-4 (6'-7')
6		Middle 6": Dark brown, medium to fine SAND, some Silt (FILL).	ND	No Odor	Dry	
7		Middle 10": Brown medium to coarse SAND, some Silt, fine Gravel (FILL). Bottom 6": SCHIST FRAGMENTS.	ND	No Odor	Moist	
8		End of boring at 7 feet below grade due to refusal.				
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
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21						
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27						
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29						

Notes: PID - Photoionization detector ND - Not Detected
Groundwater was not encountered.
Soil sample SB-4 (.5'-2.5') (6'-7') sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-5		
Environmental Consultants 34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe		Sheet 1 of 1		
		Sampling Method: Direct Push		Drilling		
		Driller : Zebra		Start		Finish
		Weather: 60 F; Overcast		Time: 1445		Time: 1015
		Sampler: AKRF/ DH & SG		Date: 11/4/08		Date: 11/5/08
Depth (feet)	Recovery (Inches)	Surface Condition: CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	30"	Top 6": CONCRETE.	ND	No Odor	Dry	SB-5 (2'-4')
2		Middle 6": Brown fine to medium coarse SAND, some Silt, Brick (FILL).	ND	No Odor	Dry	
3		Bottom 18": Brown fine to medium SAND, SILT and fine GRAVEL (FILL).	ND	No Odor	Dry	
4			ND	No Odor	Dry	
5	24"	Top 16": Brown fine SAND, some Silt, Brick (FILL).	ND	No Odor	Dry	SB-5 Groundwater
6		Middle 4": BRICK (FILL).	ND	No Odor	Dry	
7		Bottom 4": Brown fine to medium SAND and SILT, Brick (FILL).				
8		Refusal at 6' bgs. Switching to Geoprobe Model 6100 to collect groundwater sample				
9	36"	Brown fine to medium SAND and SILT, Brick (FILL).	ND	No Odor	Wet	SB-5 Groundwater
10			ND	No Odor	Wet	
11			ND	No Odor	Wet	
12						
13		End of boring at 12 feet below grade.				
14						
15						
16						
17						
18						
19						
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22						
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25						
26						
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
 Groundwater encountered at approximately 8 feet below grade on soil sample in acetate liner.
 Soil sample SB-5 (2'-4') (Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260),
 SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-6		
Environmental Consultants		AKRF Project Number : 11132-0001		Sheet 1 of 1		
34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 50 F; Clear Sampler: AKRF/ DH & SG		Drilling Start Finish Time: 1035 Time: 1300 Date: 11/5/08 Date: 11/5/08		
Depth (feet)	Recovery (Inches)	Surface Condition: 6" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	16"	Top 6": COAL SLAG, ASH, trace Silt (FILL). Bottom 6": BRICK (FILL)	ND	No Odor	Dry	
2			ND	No Odor	Dry	
3			ND	No Odor	Dry	
4						
5	48"	Top 28": Brown medium to coarse SAND, some Silt, trace fine Gravel (FILL). Bottom 20": Brown/ gray SILTY SAND, some fine Gravel (FILL).	ND	No Odor	Moist	SB-6 (4'-5')
6			ND	No Odor	Wet	
7			ND	No Odor	Wet	
8						
9						
10						
11		End of boring at 10 feet below grade due to refusal.				
12						
13						
14						
15						
16						
17						
18						
19						
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21						
22						
23						
24						
25						
26						
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
 Groundwater encountered at approximately 5 feet below grade on soil sample in acetate liner.
 Soil sample SB-6 (4'-5') (SB-6 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260),
 SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-7		
Environmental Consultants 34 South Broadway - Suite 314 White Plains, NY 10601		AKRF Project Number : 11132-0001		Sheet 1 of 1		
		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 60 F; Overcast Sampler: AKRF/ DH & SG		Drilling Start Finish Time: 1115 Time: 1145 Date: 11/7/08 Date: 11/7/08		
Depth (feet)	Recovery (Inches)	Surface Condition: 6" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	36"	Top 4": CONCRETE and BRICK (FILL). Bottom 32": Light brown fine SAND, some Silt.	ND	No Odor	Dry	SB-7 (1'-3')
2			ND	No Odor	Dry	
3			ND	No Odor	Dry	
4			ND	No Odor	Dry	
5			ND	No Odor	Dry	
6	48"	Top 18": Light brown/ gray fine to medium SAND, some Brick, Silt. Middle 4": ASH, WOOD (FILL). Bottom 26": Gray fine SAND and SILT, some fine Gravel (FILL).	0.2	No Odor	Dry	SB-7 (6'-7')
7			0.4	Petroleum-like odor	Dry	
8			0.8	Petroleum-like odor	Wet	
9			8.2	Petroleum-like odor	Wet	
10			10.8	Petroleum-like odor	Wet	
11	60"	Top 10": Gray fine SAND and SILT, some fine Gravel (FILL). Bottom 50": Coarse SAND and fine GRAVEL, trace Brick, Ash (FILL).	12.6	Petroleum-like odor	Wet	SB-5 Groundwater
12			14.8	Petroleum-like odor	Wet	
13			10.2	Petroleum-like odor	Wet	
14			8.8	Petroleum-like odor	Wet	
15				Petroleum-like odor	Wet	
16						
17		End of boring at 16 feet below grade due to geoprobe refusal.				
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
 Groundwater encountered at approximately 8 feet below grade on soil sample in acetate liner.
 Soil sample SB-7 (1'-3') (6'-7') (SB-7 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-8		
Environmental Consultants 34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe		Sheet 1 of 1		
		Sampling Method: Direct Push		Drilling		
		Driller: Zebra		Start		
		Weather: 60 F; Overcast		Time: 1510		
		Sampler: AKRF/ DH & SG		Time: 1000		
				Date: 11/5/08		
				Date: 11/6/08		
Depth (feet)	Recovery (Inches)	Surface Condition: 6" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	26"	Gray/ brown fine to medium SAND and SILT, trace fine Gravel (FILL).	0.6	No Odor	Dry	SB-8 (1'-2')
2			0.2	No Odor	Dry	
3				No Odor	Dry	
4					Dry	
5					Dry	
6	38"	Top 36": Brown fine to medium SAND and SILT, trace fine Gravel, some Silt (FILL). Bottom 2": Gray medium to coarse SAND and fine GRAVEL, some Silt, Brick (FILL).	0.2	No Odor	Wet	SB-8 Groundwater
7			0.1	No Odor	Wet	
8			ND	No Odor	Wet	
9						
10						
11	60"	Gray medium to coarse SAND and fine GRAVEL, some Silt, Brick (FILL).	ND	No Odor	Wet	
12			ND	No Odor	Wet	
13			ND	No Odor	Wet	
14			ND	No Odor	Wet	
15			ND	No Odor	Wet	
16	0"	(No recovery)				
17		End of boring at 16 feet below grade due to geoprobe refusal.				
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
Groundwater encountered at approximately 5 feet below grade on soil sample in acetate liner.
Soil sample SB-8 (1'-2') (SB-8 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-9		
Environmental Consultants 34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe		Sheet 1 of 1		
		Sampling Method: Direct Push		Drilling		
		Driller: Zebra		Start Finish		
		Weather: 60 F; Overcast		Time: 1310 Time: 1545		
		Sampler: AKRF/ DH & SG		Date: 11/5/08 Date: 11/5/08		
Depth (feet)	Recovery (Inches)	Surface Condition: 6" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	32"	Brown fine to medium coarse SAND and SILT, trace fine Gravel, Brick (FILL).	ND	No Odor	Dry	SB-9 (1'-3')
2			ND	No Odor	Dry	
3			ND	No Odor	Dry	
4						
5						
6	24"	Top 20": Dark gray SAND, some Silt, trace fine Gravel (FILL). Bottom 4": WOOD and BRICK (FILL).	ND	No Odor	Wet	SB-9 (5'-6')
7			0.1	No Odor	Wet	
8						
9						
10						
11	40"	Top 6": Dark gray coarse SAND, trace Silt (FILL). Middle 13": Brown fine to medium SAND, some Silt. Bottom 21": Gray fine to medium SAND and SILT (FILL).	ND	No Odor	Wet	SB-9 Groundwater
12			ND	No Odor	Wet	
13			ND	No Odor	Wet	
14			ND	No Odor	Wet	
15						
16						
17		End of boring at 16 feet below grade due to geoprobe refusal.				
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
 Groundwater encountered at approximately 6 feet below grade on soil sample in acetate liner.
 Soil sample SB-9 (1'-3') (5'-6') (SB-9 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-10		
Environmental Consultants		AKRF Project Number : 11132-0001		Sheet 1 of 1		
34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 60 F; Overcast Sampler: AKRF/ DH & SG		Drilling Start Finish Time: 1100 Time: 1400 Date: 11/6/08 Date: 11/6/08		
Depth (feet)	Recovery (Inches)	Surface Condition: 6" CONCRETE	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	28"	Top 12": Brown fine SAND and SILT, some Brick (FILL). Middle 8": ROCK FRAGMENTS (FILL). Bottom 8": BRICK, some brown SAND and SILT.	ND	No Odor	Dry	SB-10 (1'-3')
2			ND	No Odor	Dry	
3			ND	No Odor	Dry	
4						
5						
6	48"	Top 30": Brown medium to coarse SAND, some Brick, Silt (FILL). Bottom 18": BRICK, SLATE, trace brown Sand (FILL).	ND	No Odor	Dry	SB-10 (5'-7')
7			ND	No Odor	Wet	
8			ND	No Odor	Wet	
9			ND	No Odor	Wet	
10						
11	50"	Top 42": Light brown medium to coarse SAND, some Brick, Silt (FILL). Bottom 8": Gray/ brown fine to medium Sand, trace Silt (FILL).	ND	No Odor	Wet	SB-10 Groundwater
12			ND	No Odor	Wet	
13			ND	No Odor	Wet	
14			ND	No Odor	Wet	
15						
16	50"	Top 38": Gray/ brown fine to medium SAND, trace Silt (FILL). Bottom 12": Fine GRAVEL (FILL)	ND	No Odor	Wet	
17			ND	No Odor	Wet	
18			ND	No Odor	Wet	
19			ND	No Odor	Wet	
20						
21	50"	Top 38": Fine GRAVEL (FILL) Middle 4": BRICK (FILL). Bottom 8": Fine GRAVEL, some Sand, Silt.	ND	No Odor	Wet	
22			ND	No Odor	Wet	
23			ND	No Odor	Wet	
24			ND	No Odor	Wet	
25						
26		End of boring at 25 feet below grade.				
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
 Groundwater encountered at approximately 7 feet below grade on soil sample in acetate liner.
 Soil sample SB-10 (1'-3') (6'-7') (SB-10 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-12		
Environmental Consultants		AKRF Project Number : 11132-0001		Sheet 1 of 1		
34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 60 F; Overcast Sampler: AKRF/ DH & SG		Drilling		
				Start		Finish
				Time: 1200		Time: 1315
				Date: 11/7/08		Date: 11/7/08
Depth (feet)	Recovery (Inches)	Surface Condition: TOP SOIL	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	38"	Top 6": TOP SOIL. Bottom 32": BRICK (FILL).	ND	No Odor	Dry	SB-10 (1'-3')
2			ND	No Odor	Dry	
3			ND	No Odor	Dry	
4					Dry	
5					Dry	
6	48"	Top 10": Gray medium coarse SAND, trace Silt (FILL). Middle 16": BRICK (FILL). Bottom 22": Gray medium coarse SAND, trace Silt (FILL).	ND	No Odor	Dry	
7			ND	No Odor	Dry	
8			ND	No Odor	Dry	
9			ND		Dry	
10			ND		Dry	
11	50"	Top 6": COAL (FILL). Middle 21": BRICK (FILL). Middle 18": ROCK FRAGMENTS. Bottom 5": Brown fine to medium SAND, some Silt.	ND	No Odor	Dry	
12			ND	No Odor	Dry	
13			ND	No Odor	Dry	
14			ND	No Odor	Dry	
15			ND	No Odor	Dry	
16	36"	Brown fine to medium SAND, some Silt.	ND	No Odor	Dry	SB-12 (16'-18')
17			ND	No Odor	Dry	
18			ND	No Odor	Dry	
19					Dry	
20				Moist		
21		End of boring at 20 feet below grade.				
22						
23						
24						
25						
26						
27						
28						
29						

Notes: PID - Photoionization detector ND - Not Detected
Groundwater was not encountered.
Soil sample SB-12 (1'-3') (16'-18') (SB-12 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-13		
Environmental Consultants		AKRF Project Number : 11132-0001		Sheet 1 of 1		
34 South Broadway - Suite 314 White Plains, NY 10601		Drilling Method: Geoprobe Sampling Method: Direct Push Driller : Zebra Weather: 60 F; Overcast Sampler: AKRF/ DH & SG		Drilling		
				Start	Finish	
				Time: 1345	Time: 1531	
				Date: 11/7/08	Date: 11/7/08	
Depth (feet)	Recovery (Inches)	Surface Condition: TOP SOIL	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
1	50"	Top 6": TOP SOIL. Bottom 44": BRICK, CONCRETE (FILL).	ND	No Odor	Dry	SB-13 (1'-3')
2			ND	No Odor	Dry	
3			ND	No Odor	Dry	
4			ND	No Odor	Dry	
5			ND	No Odor	Dry	
6	48"	BRICK, CONCRETE (FILL).	ND	No Odor	Dry	
7			ND	No Odor	Dry	
8			ND	No Odor	Dry	
9			ND	No Odor	Dry	
10						
11	51"	BRICK, CONCRETE (FILL).	ND	No Odor	Dry	
12			ND	No Odor	Dry	
13			ND	No Odor	Dry	
14			ND	No Odor	Dry	
15						
16	0	No Recovery.				
17						
18						
19						
20						
21	47"	Top 16": FILL (BRICK, CONCRETE, COAL). Bottom 31": Light brown medium coarse SAND, some Silt.	ND	No Odor	Dry	
22			ND	No Odor	Dry	
23			ND	No Odor	Dry	
24			ND	No Odor	Dry	
25			ND	No Odor	Dry	
26	52"	Light brown medium coarse SAND, some Silt.	ND	No Odor	Dry	SB-13 (27'-29')
27			ND	No Odor	Dry	
28			ND	No Odor	Dry	
29			ND	No Odor	Wet	
30			ND	No Odor	Wet	

Notes: PID - Photoionization detector ND - Not Detected
Groundwater encountered at approximately 29 feet below grade on soil sample in acetate liner.
Soil sample SB-13 (1'-3') (27'-29') (SB-13 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.

AKRF, Inc.		Former Domino Sugar Site		Boring No. SB-13		
		AKRF Project Number : 11132-0001		Sheet 1 of 2		
Environmental Consultants		Drilling Method: Geoprobe		Drilling		
34 South Broadway - Suite 314 White Plains, NY 10601		Sampling Method: Direct Push		Start		Finish
		Driller : Zebra		Time: 1345		Time: 1531
		Weather: 60 F; Overcast		Date: 11/7/08		Date: 11/7/08
		Sampler: AKRF/ DH & SG				
Depth (feet)	Recovery (Inches)	Surface Condition: TOP SOIL	PID Reading (ppm)	Odor	Moisture	Samples Collected for Lab Analysis
31	40"	Light brown medium coarse SAND, some Silt.	ND	No Odor	Wet	SB-13 Groundwater
32			ND	No Odor	Wet	
33			ND	No Odor	Wet	
34			ND	No Odor	Wet	
35			ND	No Odor	Wet	
36		End of boring at 35 feet below grade.				
37						
38						
39						
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47						
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49						
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56						
57						
58						
59						
Notes: PID - Photoionization detector ND - Not Detected Groundwater encountered at approximately 29 feet below grade on soil sample in acetate liner. Soil sample SB-13 (1'-3') (27'-29') (SB-13 Groundwater) sent to lab to be analyzed for VOCs (EPA Method 8260), SVOCs (8270), PCBs (8082), Pesticides (8081) and target analyte list (TAL) metals.						

APPENDIX B
LABORATORY ANALYTICAL DATA SHEETS

ANALYTICAL REPORT

Job Number: 220-7163-1

SDG Number: 220-7163

Job Description: Former Domino Sugar Site

For:

AKRF Inc

34 South Broadway, Suite 314

White Plains, NY 10601

Attention: Mr. Bryan Zieroff



Approved for release.
Joan Widomski
11/20/2008 3:37 PM

Designee for
Erin A Gaus
Project Manager I
erin.gaus@testamericainc.com
11/20/2008

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.

TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484

Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com



Case Narrative for Job: 220-7163-1

Client: AKRF Inc
Date: November 20, 2008

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Lawrence Decker
Laboratory Director

November 20, 2008
Date

Job Narrative
220-J7163-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: Internal standard (ISTD) response for the following sample was outside control limits: SB-13(1-3) (220-7163-7). The sample was re-analyzed with concurring results. The original set of data has been reported.

Method(s) 8260B: Internal standard (ISTD) response for the following samples were outside control limits: SB-12(1-3) (220-7163-5), SB-3(4-6) (220-7163-3). The samples were re-analyzed with concurring results. The original set of data has been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/12/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/13/08 did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/14/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/18/08 did not meet control limits.

Method(s) 8082: Surrogate recovery for the following sample was outside control limits: SB-13(1-3) (220-7163-7). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

The prep batch 21786 had the surrogate tetrachloro-m-xylene (TCX) was above QC limits in the method blank.

Method(s) 8082: Surrogate recovery for the following sample was outside control limits: SB-3(4-6) (220-7163-3). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
Ultrasonic Extraction	TAL CT		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Ultrasonic Extraction	TAL CT		SW846 3550B
Metals (ICP)	TAL CT	SW846 6010B	
Preparation, Metals	TAL CT		SW846 3050B
Mercury (CVAA)	TAL CT	SW846 7471A	
Preparation, Mercury	TAL CT		SW846 7471A
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Metals (ICP)	TAL CT	SW846 6010B	
Sample Filtration, Field	TAL CT		FIELD_FLTRD
Preparation, Total Metals	TAL CT		SW846 3010A
Mercury (CVAA)	TAL CT	SW846 7470A	
Sample Filtration, Field	TAL CT		FIELD_FLTRD
Preparation, Mercury	TAL CT		SW846 7470A

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
SW846 8081A	Cooper, Susan	SC
SW846 8082	Smith, Karli	KS
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Ruokonen, Donna	DR
SW846 7471A	Ruokonen, Donna	DR
EPA PercentMoisture	Capece, Bill	BC

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-7163-1	SB-7(1-3)	Solid	11/07/2008 1120	11/07/2008 1930
220-7163-2	SB-7(6-7)	Solid	11/07/2008 1140	11/07/2008 1930
220-7163-3	SB-3(4-6)	Solid	11/07/2008 1030	11/07/2008 1930
220-7163-4	SB-3(10-12)	Solid	11/07/2008 1100	11/07/2008 1930
220-7163-5	SB-12(1-3)	Solid	11/07/2008 1400	11/07/2008 1930
220-7163-6	SB-12(16-18)	Solid	11/07/2008 1410	11/07/2008 1930
220-7163-7	SB-13(1-3)	Solid	11/07/2008 1445	11/07/2008 1930
220-7163-8	SB-13(27-29)	Solid	11/07/2008 1500	11/07/2008 1930
220-7163-9	W-4	Water	11/07/2008 0920	11/07/2008 1930
220-7163-10	SB-7	Water	11/07/2008 1230	11/07/2008 1930
220-7163-11FB	DFB	Water	11/07/2008 1315	11/07/2008 1930
220-7163-12TB	TRIP BLANK	Water	11/07/2008 0000	11/07/2008 1930
220-7163-13	SB-13	Water	11/07/2008 1535	11/07/2008 1930

SAMPLE RESULTS

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(1-3)

Lab Sample ID: 220-7163-1

Date Sampled: 11/07/2008 1120

Client Matrix: Solid

% Moisture: 6.1

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 220-22048

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: O7645.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 11/14/2008 2344

Final Weight/Volume: 5 mL

Date Prepared: 11/14/2008 2344

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.5	U	2.5	21
Benzene		0.76	U	0.76	5.3
Bromodichloromethane		0.69	U	0.69	5.3
Bromoform		1.8	U	1.8	5.3
Bromomethane		1.6	U	1.6	5.3
Methyl Ethyl Ketone		3.6	U	3.6	11
Carbon disulfide		0.56	U	0.56	5.3
Carbon tetrachloride		0.76	U	0.76	5.3
Chlorobenzene		0.94	U	0.94	5.3
Chloroethane		1.4	U	1.4	5.3
Chloroform		0.56	U	0.56	5.3
Chloromethane		1.1	U	1.1	5.3
Dibromochloromethane		1.1	U	1.1	5.3
1,1-Dichloroethane		0.69	U	0.69	5.3
1,2-Dichloroethane		1.2	U	1.2	5.3
1,1-Dichloroethene		0.84	U	0.84	5.3
1,2-Dichloropropane		1.0	U	1.0	5.3
cis-1,3-Dichloropropene		0.66	U	0.66	5.3
trans-1,3-Dichloropropene		1.1	U	1.1	5.3
Ethylbenzene		0.76	U	0.76	5.3
2-Hexanone		2.8	U	2.8	11
Methylene Chloride		2.7	J	1.5	21
methyl isobutyl ketone		1.0	U	1.0	5.3
Styrene		1.4	U	1.4	5.3
1,1,2,2-Tetrachloroethane		1.1	U	1.1	5.3
Tetrachloroethene		0.79	U	0.79	5.3
Toluene		0.63	U	0.63	5.3
1,1,1-Trichloroethane		0.78	U	0.78	5.3
1,1,2-Trichloroethane		0.93	U	0.93	5.3
Trichloroethene		1.1	U	1.1	5.3
Vinyl chloride		1.4	U	1.4	5.3
Xylenes, Total		2.6	U	2.6	5.3
cis-1,2-Dichloroethene		0.98	U	0.98	5.3
trans-1,2-Dichloroethene		1.0	U	1.0	5.3
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		79		49 - 134	
4-Bromofluorobenzene		103		36 - 133	
Dibromofluoromethane		76		60 - 130	
Toluene-d8 (Surr)		97		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(6-7)

Lab Sample ID: 220-7163-2

Date Sampled: 11/07/2008 1140

Client Matrix: Solid

% Moisture: 20.1

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 220-22048

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: O7646.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 11/15/2008 0009

Final Weight/Volume: 5 mL

Date Prepared: 11/15/2008 0009

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		7.8	J	2.9	25
Benzene		0.89	U	0.89	6.3
Bromodichloromethane		0.81	U	0.81	6.3
Bromoform		2.2	U	2.2	6.3
Bromomethane		1.9	U	1.9	6.3
Methyl Ethyl Ketone		4.2	U	4.2	13
Carbon disulfide		0.66	U	0.66	6.3
Carbon tetrachloride		0.89	U	0.89	6.3
Chlorobenzene		1.1	U	1.1	6.3
Chloroethane		1.6	U	1.6	6.3
Chloroform		0.66	U	0.66	6.3
Chloromethane		1.3	U	1.3	6.3
Dibromochloromethane		1.3	U	1.3	6.3
1,1-Dichloroethane		0.81	U	0.81	6.3
1,2-Dichloroethane		1.4	U	1.4	6.3
1,1-Dichloroethene		0.99	U	0.99	6.3
1,2-Dichloropropane		1.2	U	1.2	6.3
cis-1,3-Dichloropropene		0.78	U	0.78	6.3
trans-1,3-Dichloropropene		1.3	U	1.3	6.3
Ethylbenzene		0.89	U	0.89	6.3
2-Hexanone		3.3	U	3.3	13
Methylene Chloride		2.7	J	1.8	25
methyl isobutyl ketone		1.2	U	1.2	6.3
Styrene		1.6	U	1.6	6.3
1,1,2,2-Tetrachloroethane		1.3	U	1.3	6.3
Tetrachloroethene		0.93	U	0.93	6.3
Toluene		0.74	U	0.74	6.3
1,1,1-Trichloroethane		0.91	U	0.91	6.3
1,1,2-Trichloroethane		1.1	U	1.1	6.3
Trichloroethene		1.2	U	1.2	6.3
Vinyl chloride		1.6	U	1.6	6.3
Xylenes, Total		3.1	U	3.1	6.3
cis-1,2-Dichloroethene		1.2	U	1.2	6.3
trans-1,2-Dichloroethene		1.2	U	1.2	6.3
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		86		49 - 134	
4-Bromofluorobenzene		102		36 - 133	
Dibromofluoromethane		81		60 - 130	
Toluene-d8 (Surr)		106		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-3(4-6)

Lab Sample ID: 220-7163-3
Client Matrix: Solid

% Moisture: 13.7

Date Sampled: 11/07/2008 1030
Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-22049 Instrument ID: HP 5890/5971A GC/MS
Preparation: 5030B Lab File ID: O7669.D
Dilution: 2.0 Initial Weight/Volume: 5 g
Date Analyzed: 11/15/2008 1737 Final Weight/Volume: 5 mL
Date Prepared: 11/15/2008 1737

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		230		5.4	46
Benzene		1.6	U	1.6	12
Bromodichloromethane		1.5	U	1.5	12
Bromoform		4.0	U	4.0	12
Bromomethane		3.5	U	3.5	12
Methyl Ethyl Ketone		7.8	U	7.8	23
Carbon disulfide		25		1.2	12
Carbon tetrachloride		1.6	U	1.6	12
Chlorobenzene		2.0	U	2.0	12
Chloroethane		2.9	U	2.9	12
Chloroform		1.2	U	1.2	12
Chloromethane		2.3	U	2.3	12
Dibromochloromethane		2.5	U	2.5	12
1,1-Dichloroethane		1.5	U	1.5	12
1,2-Dichloroethane		2.5	U	2.5	12
1,1-Dichloroethene		1.8	U	1.8	12
1,2-Dichloropropane		2.2	U	2.2	12
cis-1,3-Dichloropropene		1.4	U	1.4	12
trans-1,3-Dichloropropene		2.5	U	2.5	12
Ethylbenzene		1.6	U	1.6	12
2-Hexanone		6.1	U	6.1	23
Methylene Chloride		16	J	3.2	46
methyl isobutyl ketone		2.2	U	2.2	12
Styrene		3.0	U	3.0	12
1,1,2,2-Tetrachloroethane		2.4	U	2.4	12
Tetrachloroethene		1.7	U	1.7	12
Toluene		1.4	U	1.4	12
1,1,1-Trichloroethane		1.7	U	1.7	12
1,1,2-Trichloroethane		2.0	U	2.0	12
Trichloroethene		2.3	U	2.3	12
Vinyl chloride		3.0	U	3.0	12
Xylenes, Total		5.7	U	5.7	12
cis-1,2-Dichloroethene		2.1	U	2.1	12
trans-1,2-Dichloroethene		2.2	U	2.2	12
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		61		49 - 134	
4-Bromofluorobenzene		103		36 - 133	
Dibromofluoromethane		64		60 - 130	
Toluene-d8 (Surr)		94		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(10-12)

Lab Sample ID: 220-7163-4

Date Sampled: 11/07/2008 1100

Client Matrix: Solid

% Moisture: 24.0

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-22049	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7670.D
Dilution:	2.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/15/2008 1803		Final Weight/Volume: 5 mL
Date Prepared:	11/15/2008 1803		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		480		6.2	53
Benzene		1.9	U	1.9	13
Bromodichloromethane		1.7	U	1.7	13
Bromoform		4.6	U	4.6	13
Bromomethane		4.0	U	4.0	13
Methyl Ethyl Ketone		130		8.8	26
Carbon disulfide		12	J	1.4	13
Carbon tetrachloride		1.9	U	1.9	13
Chlorobenzene		2.3	U	2.3	13
Chloroethane		3.3	U	3.3	13
Chloroform		1.4	U	1.4	13
Chloromethane		2.7	U	2.7	13
Dibromochloromethane		2.8	U	2.8	13
1,1-Dichloroethane		1.7	U	1.7	13
1,2-Dichloroethane		2.8	U	2.8	13
1,1-Dichloroethene		2.1	U	2.1	13
1,2-Dichloropropane		2.6	U	2.6	13
cis-1,3-Dichloropropene		1.6	U	1.6	13
trans-1,3-Dichloropropene		2.8	U	2.8	13
Ethylbenzene		1.9	U	1.9	13
2-Hexanone		6.9	U	6.9	26
Methylene Chloride		6.9	J	3.7	53
methyl isobutyl ketone		2.5	U	2.5	13
Styrene		3.4	U	3.4	13
1,1,2,2-Tetrachloroethane		2.7	U	2.7	13
Tetrachloroethene		1.9	U	1.9	13
Toluene		1.8	J	1.6	13
1,1,1-Trichloroethane		1.9	U	1.9	13
1,1,2-Trichloroethane		2.3	U	2.3	13
Trichloroethene		2.6	U	2.6	13
Vinyl chloride		3.4	U	3.4	13
Xylenes, Total		6.4	U	6.4	13
cis-1,2-Dichloroethene		2.4	U	2.4	13
trans-1,2-Dichloroethene		2.5	U	2.5	13
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		74		49 - 134	
4-Bromofluorobenzene		116		36 - 133	
Dibromofluoromethane		71		60 - 130	
Toluene-d8 (Surr)		94		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(1-3)

Lab Sample ID: 220-7163-5

Date Sampled: 11/07/2008 1400

Client Matrix: Solid

% Moisture: 10.5

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 220-22049

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: O7671.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 11/15/2008 1828

Final Weight/Volume: 5 mL

Date Prepared: 11/15/2008 1828

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.6	U	2.6	22
Benzene		0.79	U	0.79	5.6
Bromodichloromethane		0.73	U	0.73	5.6
Bromoform		1.9	U	1.9	5.6
Bromomethane		1.7	U	1.7	5.6
Methyl Ethyl Ketone		3.8	U	3.8	11
Carbon disulfide		0.59	U	0.59	5.6
Carbon tetrachloride		0.79	U	0.79	5.6
Chlorobenzene		0.98	U	0.98	5.6
Chloroethane		1.4	U	1.4	5.6
Chloroform		0.59	U	0.59	5.6
Chloromethane		1.1	U	1.1	5.6
Dibromochloromethane		1.2	U	1.2	5.6
1,1-Dichloroethane		0.73	U	0.73	5.6
1,2-Dichloroethane		1.2	U	1.2	5.6
1,1-Dichloroethene		0.88	U	0.88	5.6
1,2-Dichloropropane		1.1	U	1.1	5.6
cis-1,3-Dichloropropene		0.69	U	0.69	5.6
trans-1,3-Dichloropropene		1.2	U	1.2	5.6
Ethylbenzene		0.79	U	0.79	5.6
2-Hexanone		2.9	U	2.9	11
Methylene Chloride		15	J	1.6	22
methyl isobutyl ketone		1.0	U	1.0	5.6
Styrene		1.4	U	1.4	5.6
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.6
Tetrachloroethene		0.83	U	0.83	5.6
Toluene		0.66	U	0.66	5.6
1,1,1-Trichloroethane		0.82	U	0.82	5.6
1,1,2-Trichloroethane		0.97	U	0.97	5.6
Trichloroethene		1.1	U	1.1	5.6
Vinyl chloride		1.5	U	1.5	5.6
Xylenes, Total		2.7	U	2.7	5.6
cis-1,2-Dichloroethene		1.0	U	1.0	5.6
trans-1,2-Dichloroethene		1.1	U	1.1	5.6
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		70		49 - 134	
4-Bromofluorobenzene		97		36 - 133	
Dibromofluoromethane		74		60 - 130	
Toluene-d8 (Surr)		108		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(16-18)

Lab Sample ID: 220-7163-6

Date Sampled: 11/07/2008 1410

Client Matrix: Solid

% Moisture: 6.8

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-22048	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7650.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/15/2008 0149		Final Weight/Volume: 5 mL
Date Prepared:	11/15/2008 0149		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.5	U	2.5	21
Benzene		0.76	U	0.76	5.4
Bromodichloromethane		0.70	U	0.70	5.4
Bromoform		1.9	U	1.9	5.4
Bromomethane		1.6	U	1.6	5.4
Methyl Ethyl Ketone		3.6	U	3.6	11
Carbon disulfide		0.57	U	0.57	5.4
Carbon tetrachloride		0.76	U	0.76	5.4
Chlorobenzene		0.94	U	0.94	5.4
Chloroethane		1.4	U	1.4	5.4
Chloroform		0.57	U	0.57	5.4
Chloromethane		1.1	U	1.1	5.4
Dibromochloromethane		1.1	U	1.1	5.4
1,1-Dichloroethane		0.70	U	0.70	5.4
1,2-Dichloroethane		1.2	U	1.2	5.4
1,1-Dichloroethene		0.85	U	0.85	5.4
1,2-Dichloropropane		1.0	U	1.0	5.4
cis-1,3-Dichloropropene		0.67	U	0.67	5.4
trans-1,3-Dichloropropene		1.1	U	1.1	5.4
Ethylbenzene		0.76	U	0.76	5.4
2-Hexanone		2.8	U	2.8	11
Methylene Chloride		3.3	J	1.5	21
methyl isobutyl ketone		1.0	U	1.0	5.4
Styrene		1.4	U	1.4	5.4
1,1,2,2-Tetrachloroethane		1.1	U	1.1	5.4
Tetrachloroethene		0.79	U	0.79	5.4
Toluene		0.63	U	0.63	5.4
1,1,1-Trichloroethane		0.78	U	0.78	5.4
1,1,2-Trichloroethane		0.93	U	0.93	5.4
Trichloroethene		1.1	U	1.1	5.4
Vinyl chloride		1.4	U	1.4	5.4
Xylenes, Total		2.6	U	2.6	5.4
cis-1,2-Dichloroethene		0.99	U	0.99	5.4
trans-1,2-Dichloroethene		1.0	U	1.0	5.4
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		77		49 - 134	
4-Bromofluorobenzene		78		36 - 133	
Dibromofluoromethane		70		60 - 130	
Toluene-d8 (Surr)		85		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(1-3)

Lab Sample ID: 220-7163-7

Date Sampled: 11/07/2008 1445

Client Matrix: Solid

% Moisture: 11.5

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-22048	Instrument ID:	HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID:	O7651.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	11/15/2008 0214		Final Weight/Volume:	5 mL
Date Prepared:	11/15/2008 0214			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.6	U	2.6	23
Benzene		0.80	U	0.80	5.7
Bromodichloromethane		0.73	U	0.73	5.7
Bromoform		2.0	U	2.0	5.7
Bromomethane		1.7	U	1.7	5.7
Methyl Ethyl Ketone		3.8	U	3.8	11
Carbon disulfide		0.60	U	0.60	5.7
Carbon tetrachloride		0.80	U	0.80	5.7
Chlorobenzene		0.99	U	0.99	5.7
Chloroethane		1.4	U	1.4	5.7
Chloroform		0.60	U	0.60	5.7
Chloromethane		1.1	U	1.1	5.7
Dibromochloromethane		1.2	U	1.2	5.7
1,1-Dichloroethane		0.73	U	0.73	5.7
1,2-Dichloroethane		1.2	U	1.2	5.7
1,1-Dichloroethene		0.89	U	0.89	5.7
1,2-Dichloropropane		1.1	U	1.1	5.7
cis-1,3-Dichloropropene		0.70	U	0.70	5.7
trans-1,3-Dichloropropene		1.2	U	1.2	5.7
Ethylbenzene		0.80	U	0.80	5.7
2-Hexanone		3.0	U	3.0	11
Methylene Chloride		8.0	J	1.6	23
methyl isobutyl ketone		1.1	U	1.1	5.7
Styrene		1.5	U	1.5	5.7
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.7
Tetrachloroethene		0.84	U	0.84	5.7
Toluene		0.67	U	0.67	5.7
1,1,1-Trichloroethane		0.83	U	0.83	5.7
1,1,2-Trichloroethane		0.98	U	0.98	5.7
Trichloroethene		1.1	U	1.1	5.7
Vinyl chloride		1.5	U	1.5	5.7
Xylenes, Total		2.8	U	2.8	5.7
cis-1,2-Dichloroethene		1.0	U	1.0	5.7
trans-1,2-Dichloroethene		1.1	U	1.1	5.7

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	65	49 - 134
4-Bromofluorobenzene	69	36 - 133
Dibromofluoromethane	63	60 - 130
Toluene-d8 (Surr)	94	51 - 137

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(27-29)

Lab Sample ID: 220-7163-8

Date Sampled: 11/07/2008 1500

Client Matrix: Solid

% Moisture: 15.8

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-22048	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7652.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/15/2008 0239		Final Weight/Volume: 5 mL
Date Prepared:	11/15/2008 0239		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.8	U	2.8	24
Benzene		0.84	U	0.84	5.9
Bromodichloromethane		0.77	U	0.77	5.9
Bromoform		2.1	U	2.1	5.9
Bromomethane		1.8	U	1.8	5.9
Methyl Ethyl Ketone		4.0	U	4.0	12
Carbon disulfide		0.63	U	0.63	5.9
Carbon tetrachloride		0.84	U	0.84	5.9
Chlorobenzene		1.0	U	1.0	5.9
Chloroethane		1.5	U	1.5	5.9
Chloroform		0.63	U	0.63	5.9
Chloromethane		1.2	U	1.2	5.9
Dibromochloromethane		1.3	U	1.3	5.9
1,1-Dichloroethane		0.77	U	0.77	5.9
1,2-Dichloroethane		1.3	U	1.3	5.9
1,1-Dichloroethene		0.94	U	0.94	5.9
1,2-Dichloropropane		1.2	U	1.2	5.9
cis-1,3-Dichloropropene		0.74	U	0.74	5.9
trans-1,3-Dichloropropene		1.3	U	1.3	5.9
Ethylbenzene		0.84	U	0.84	5.9
2-Hexanone		3.1	U	3.1	12
Methylene Chloride		16	J	1.7	24
methyl isobutyl ketone		1.1	U	1.1	5.9
Styrene		1.5	U	1.5	5.9
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.9
Tetrachloroethene		0.88	U	0.88	5.9
Toluene		0.70	U	0.70	5.9
1,1,1-Trichloroethane		0.87	U	0.87	5.9
1,1,2-Trichloroethane		1.0	U	1.0	5.9
Trichloroethene		1.2	U	1.2	5.9
Vinyl chloride		1.5	U	1.5	5.9
Xylenes, Total		2.9	U	2.9	5.9
cis-1,2-Dichloroethene		1.1	U	1.1	5.9
trans-1,2-Dichloroethene		1.1	U	1.1	5.9
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		84		49 - 134	
4-Bromofluorobenzene		89		36 - 133	
Dibromofluoromethane		78		60 - 130	
Toluene-d8 (Surr)		92		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9

Date Sampled: 11/07/2008 0920

Client Matrix: Water

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21974	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9593.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/13/2008 1106		Final Weight/Volume: 5 mL
Date Prepared:	11/13/2008 1106		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	114	53 - 125		
4-Bromofluorobenzene	89	73 - 127		
Dibromofluoromethane	107	54 - 137		
Toluene-d8 (Surr)	90	63 - 121		

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10

Date Sampled: 11/07/2008 1230

Client Matrix: Water

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21974	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID:	V9594.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	11/13/2008 1133		Final Weight/Volume:	5 mL
Date Prepared:	11/13/2008 1133			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.0	U	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	119		53 - 125	
4-Bromofluorobenzene	95		73 - 127	
Dibromofluoromethane	114		54 - 137	
Toluene-d8 (Surr)	94		63 - 121	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: DFB

Lab Sample ID: 220-7163-11FB

Date Sampled: 11/07/2008 1315

Client Matrix: Water

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21974	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9595.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/13/2008 1159		Final Weight/Volume: 5 mL
Date Prepared:	11/13/2008 1159		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	119	53 - 125		
4-Bromofluorobenzene	92	73 - 127		
Dibromofluoromethane	112	54 - 137		
Toluene-d8 (Surr)	96	63 - 121		

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: TRIP BLANK

Lab Sample ID: 220-7163-12TB

Date Sampled: 11/07/2008 0000

Client Matrix: Water

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21892	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9545.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/11/2008 1626		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1626		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.0	U	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	100	53 - 125		
4-Bromofluorobenzene	98	73 - 127		
Dibromofluoromethane	106	54 - 137		
Toluene-d8 (Surr)	102	63 - 121		

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: **SB-13**

Lab Sample ID: 220-7163-13

Date Sampled: 11/07/2008 1535

Client Matrix: Water

Date Received: 11/07/2008 1930

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21974	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9596.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/13/2008 1225		Final Weight/Volume: 5 mL
Date Prepared:	11/13/2008 1225		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	J	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	1.5	J	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	1.7	J	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	5.7		0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	27		0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	5.5		0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	117	53 - 125		
4-Bromofluorobenzene	92	73 - 127		
Dibromofluoromethane	108	54 - 137		
Toluene-d8 (Surr)	90	63 - 121		

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-7(1-3)

Lab Sample ID: 220-7163-1
Client Matrix: Solid

% Moisture: 6.1

Date Sampled: 11/07/2008 1120
Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21921	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	A2519.D
Dilution:	1.0		Initial Weight/Volume:	15.01 g
Date Analyzed:	11/11/2008 1749		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		62	U	62	290
Acenaphthylene		66	U	66	290
Anthracene		63	U	63	290
Benzo[a]anthracene		180	J	53	290
Benzo[a]pyrene		200	J	40	290
Benzo[b]fluoranthene		190	J	51	290
Benzo[g,h,i]perylene		300		41	290
Benzo[k]fluoranthene		72	J	46	290
Bis(2-chloroethoxy)methane		59	U	59	290
Bis(2-chloroethyl)ether		81	U	81	290
Bis(2-ethylhexyl) phthalate		230	J	57	290
Butyl benzyl phthalate		58	U	58	290
Carbazole		57	U	57	290
Chrysene		210	J	61	290
Di-n-butyl phthalate		67	U	67	290
Di-n-octyl phthalate		51	U	51	290
4-Bromophenyl phenyl ether		53	U	53	290
4-Chloroaniline		47	U	47	290
2-Chloronaphthalene		61	U	61	290
4-Chlorophenyl phenyl ether		61	U	61	290
Dibenz(a,h)anthracene		360		36	290
Dibenzofuran		63	U	63	290
Diethyl phthalate		67	U	67	290
Dimethyl phthalate		61	U	61	290
1,2-Dichlorobenzene		57	U	57	290
1,3-Dichlorobenzene		48	U	48	290
1,4-Dichlorobenzene		62	U	62	290
3,3'-Dichlorobenzidine		59	U	59	710
2,4-Dinitrotoluene		54	U	54	290
2,6-Dinitrotoluene		47	U	47	290
Fluoranthene		160	J	64	290
Fluorene		65	U	65	290
Hexachlorobenzene		69	U	69	290
Hexachlorobutadiene		61	U	61	290
Hexachlorocyclopentadiene		89	U	89	390
Hexachloroethane		56	U	56	290
Indeno[1,2,3-cd]pyrene		470		39	290
Isophorone		66	U	66	290
2-Methylnaphthalene		66	U	66	290
Naphthalene		63	U	63	290
2-Nitroaniline		56	U	56	1800
3-Nitroaniline		54	U	54	1800
Nitrobenzene		70	U	70	290
N-Nitrosodi-n-propylamine		71	U	71	290

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(1-3)

Lab Sample ID: 220-7163-1

Date Sampled: 11/07/2008 1120

Client Matrix: Solid

% Moisture: 6.1

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21921	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	A2519.D
Dilution:	1.0		Initial Weight/Volume:	15.01 g
Date Analyzed:	11/11/2008 1749		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		58	U	58	290
Phenanthrene		95	J	62	290
Pyrene		230	J	71	290
1,2,4-Trichlorobenzene		58	U	58	290
4-Chloro-3-methylphenol		52	U	52	290
2-Chlorophenol		65	U	65	290
2-Methylphenol		52	U	52	290
4-Methylphenol		69	U	69	290
2,4-Dichlorophenol		60	U	60	290
2,4-Dimethylphenol		47	U	47	290
2,4-Dinitrophenol		390	U *	390	1800
4,6-Dinitro-2-methylphenol		26	U	26	1800
2-Nitrophenol		50	U	50	290
4-Nitrophenol		64	U	64	1800
Pentachlorophenol		35	U	35	1800
Phenol		59	U	59	290
2,4,5-Trichlorophenol		53	U	53	1800
2,4,6-Trichlorophenol		58	U	58	290
Benzyl alcohol		50	U	50	290
4-Nitroaniline		54	U	54	290
2,2'-oxybis[1-chloropropane]		68	U	68	290

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	72	32 - 131
2-Fluorophenol	66	25 - 113
2,4,6-Tribromophenol	43	24 - 150
Nitrobenzene-d5	65	25 - 120
Phenol-d5	67	27 - 122
Terphenyl-d14	74	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(6-7)

Lab Sample ID: 220-7163-2

Date Sampled: 11/07/2008 1140

Client Matrix: Solid

% Moisture: 20.1

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-21921

Instrument ID: HP 6890/5975

Preparation: 3541

Prep Batch: 220-21810

Lab File ID: A2520.D

Dilution: 1.0

Initial Weight/Volume: 15.05 g

Date Analyzed: 11/11/2008 1814

Final Weight/Volume: 1 mL

Date Prepared: 11/10/2008 0948

Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		73	U	73	340
Acenaphthylene		77	U	77	340
Anthracene		74	U	74	340
Benzo[a]anthracene		62	U	62	340
Benzo[a]pyrene		47	U	47	340
Benzo[b]fluoranthene		60	U	60	340
Benzo[g,h,i]perylene		190	J	48	340
Benzo[k]fluoranthene		54	U	54	340
Bis(2-chloroethoxy)methane		69	U	69	340
Bis(2-chloroethyl)ether		95	U	95	340
Bis(2-ethylhexyl) phthalate		95	J	67	340
Butyl benzyl phthalate		68	U	68	340
Carbazole		67	U	67	340
Chrysene		71	U	71	340
Di-n-butyl phthalate		79	U	79	340
Di-n-octyl phthalate		59	U	59	340
4-Bromophenyl phenyl ether		62	U	62	340
4-Chloroaniline		55	U	55	340
2-Chloronaphthalene		72	U	72	340
4-Chlorophenyl phenyl ether		71	U	71	340
Dibenz(a,h)anthracene		42	U	42	340
Dibenzofuran		73	U	73	340
Diethyl phthalate		78	U	78	340
Dimethyl phthalate		71	U	71	340
1,2-Dichlorobenzene		67	U	67	340
1,3-Dichlorobenzene		56	U	56	340
1,4-Dichlorobenzene		72	U	72	340
3,3'-Dichlorobenzidine		69	U	69	840
2,4-Dinitrotoluene		64	U	64	340
2,6-Dinitrotoluene		56	U	56	340
Fluoranthene		75	U	75	340
Fluorene		77	U	77	340
Hexachlorobenzene		81	U	81	340
Hexachlorobutadiene		72	U	72	340
Hexachlorocyclopentadiene		100	U	100	460
Hexachloroethane		66	U	66	340
Indeno[1,2,3-cd]pyrene		46	U	46	340
Isophorone		77	U	77	340
2-Methylnaphthalene		77	U	77	340
Naphthalene		74	U	74	340
2-Nitroaniline		66	U	66	2100
3-Nitroaniline		64	U	64	2100
Nitrobenzene		82	U	82	340
N-Nitrosodi-n-propylamine		84	U	84	340

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-7(6-7)

Lab Sample ID: 220-7163-2
Client Matrix: Solid

% Moisture: 20.1

Date Sampled: 11/07/2008 1140
Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21921	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	A2520.D
Dilution:	1.0		Initial Weight/Volume:	15.05 g
Date Analyzed:	11/11/2008 1814		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		68	U	68	340
Phenanthrene		73	U	73	340
Pyrene		83	U	83	340
1,2,4-Trichlorobenzene		68	U	68	340
4-Chloro-3-methylphenol		61	U	61	340
2-Chlorophenol		76	U	76	340
2-Methylphenol		61	U	61	340
4-Methylphenol		80	U	80	340
2,4-Dichlorophenol		70	U	70	340
2,4-Dimethylphenol		55	U	55	340
2,4-Dinitrophenol		460	U *	460	2100
4,6-Dinitro-2-methylphenol		30	U	30	2100
2-Nitrophenol		59	U	59	340
4-Nitrophenol		75	U	75	2100
Pentachlorophenol		41	U	41	2100
Phenol		69	U	69	340
2,4,5-Trichlorophenol		62	U	62	2100
2,4,6-Trichlorophenol		68	U	68	340
Benzyl alcohol		58	U	58	340
4-Nitroaniline		63	U	63	340
2,2'-oxybis[1-chloropropane]		80	U	80	340

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	84	32 - 131
2-Fluorophenol	85	25 - 113
2,4,6-Tribromophenol	44	24 - 150
Nitrobenzene-d5	82	25 - 120
Phenol-d5	83	27 - 122
Terphenyl-d14	86	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(4-6)

Lab Sample ID: 220-7163-3

Date Sampled: 11/07/2008 1030

Client Matrix: Solid

% Moisture: 13.7

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22032	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	C8678.D
Dilution:	1.0		Initial Weight/Volume:	15.08 g
Date Analyzed:	11/14/2008 1332		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		460		67	310
Acenaphthylene		91	J	71	310
Anthracene		870		69	310
Benzo[a]anthracene		2100		58	310
Benzo[a]pyrene		1800		43	310
Benzo[b]fluoranthene		2000		55	310
Benzo[g,h,i]perylene		2100		44	310
Benzo[k]fluoranthene		900		50	310
Bis(2-chloroethoxy)methane		64	U	64	310
Bis(2-chloroethyl)ether		88	U	88	310
Bis(2-ethylhexyl) phthalate		410		62	310
Butyl benzyl phthalate		63	U	63	310
Carbazole		330		62	310
Chrysene		2400		66	310
Di-n-butyl phthalate		73	U	73	310
Di-n-octyl phthalate		55	U	55	310
4-Bromophenyl phenyl ether		57	U	57	310
4-Chloroaniline		51	U	51	310
2-Chloronaphthalene		66	U	66	310
4-Chlorophenyl phenyl ether		66	U	66	310
Dibenz(a,h)anthracene		560		39	310
Dibenzofuran		360		68	310
Diethyl phthalate		72	U	72	310
Dimethyl phthalate		66	U	66	310
1,2-Dichlorobenzene		62	U	62	310
1,3-Dichlorobenzene		52	U	52	310
1,4-Dichlorobenzene		67	U	67	310
3,3'-Dichlorobenzidine		64	U	64	770
2,4-Dinitrotoluene		59	U	59	310
2,6-Dinitrotoluene		51	U	51	310
Fluoranthene		3800		69	310
Fluorene		450		71	310
Hexachlorobenzene		74	U	74	310
Hexachlorobutadiene		66	U	66	310
Hexachlorocyclopentadiene		97	U	97	430
Hexachloroethane		61	U	61	310
Indeno[1,2,3-cd]pyrene		2300		43	310
Isophorone		71	U	71	310
2-Methylnaphthalene		220	J	71	310
Naphthalene		270	J	68	310
2-Nitroaniline		61	U	61	2000
3-Nitroaniline		59	U	59	2000
Nitrobenzene		76	U	76	310
N-Nitrosodi-n-propylamine		77	U	77	310

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-3(4-6)

Lab Sample ID: 220-7163-3
Client Matrix: Solid

% Moisture: 13.7

Date Sampled: 11/07/2008 1030
Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22032	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	C8678.D
Dilution:	1.0		Initial Weight/Volume:	15.08 g
Date Analyzed:	11/14/2008 1332		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		62	U	62	310
Phenanthrene		3300		68	310
Pyrene		4200		76	310
1,2,4-Trichlorobenzene		63	U	63	310
4-Chloro-3-methylphenol		56	U	56	310
2-Chlorophenol		70	U	70	310
2-Methylphenol		56	U	56	310
4-Methylphenol		74	U	74	310
2,4-Dichlorophenol		65	U	65	310
2,4-Dimethylphenol		50	U	50	310
2,4-Dinitrophenol		420	U *	420	2000
4,6-Dinitro-2-methylphenol		28	U	28	2000
2-Nitrophenol		54	U	54	310
4-Nitrophenol		70	U	70	2000
Pentachlorophenol		38	U	38	2000
Phenol		64	U	64	310
2,4,5-Trichlorophenol		57	U	57	2000
2,4,6-Trichlorophenol		63	U	63	310
Benzyl alcohol		54	U	54	310
4-Nitroaniline		58	U	58	310
2,2'-oxybis[1-chloropropane]		74	U	74	310

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	77	32 - 131
2-Fluorophenol	74	25 - 113
2,4,6-Tribromophenol	65	24 - 150
Nitrobenzene-d5	72	25 - 120
Phenol-d5	76	27 - 122
Terphenyl-d14	94	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(10-12)

Lab Sample ID: 220-7163-4

Date Sampled: 11/07/2008 1100

Client Matrix: Solid

% Moisture: 24.0

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 220-22032 Instrument ID: HP 6890/5975
 Preparation: 3541 Prep Batch: 220-21810 Lab File ID: C8682.D
 Dilution: 1.0 Initial Weight/Volume: 15.00 g
 Date Analyzed: 11/14/2008 1555 Final Weight/Volume: 1 mL
 Date Prepared: 11/10/2008 0948 Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		150	J	77	360
Acenaphthylene		290	J	81	360
Anthracene		1100		78	360
Benzo[a]anthracene		3000		66	360
Benzo[a]pyrene		2300		49	360
Benzo[b]fluoranthene		2400		63	360
Benzo[g,h,i]perylene		2100		50	360
Benzo[k]fluoranthene		1000		57	360
Bis(2-chloroethoxy)methane		73	U	73	360
Bis(2-chloroethyl)ether		100	U	100	360
Bis(2-ethylhexyl) phthalate		660		70	360
Butyl benzyl phthalate		130	J	72	360
Carbazole		100	J	71	360
Chrysene		2900		75	360
Di-n-butyl phthalate		83	U	83	360
Di-n-octyl phthalate		63	U	63	360
4-Bromophenyl phenyl ether		65	U	65	360
4-Chloroaniline		58	U	58	360
2-Chloronaphthalene		75	U	75	360
4-Chlorophenyl phenyl ether		75	U	75	360
Dibenz(a,h)anthracene		680		45	360
Dibenzofuran		190	J	77	360
Diethyl phthalate		82	U	82	360
Dimethyl phthalate		75	U	75	360
1,2-Dichlorobenzene		71	U	71	360
1,3-Dichlorobenzene		59	U	59	360
1,4-Dichlorobenzene		76	U	76	360
3,3'-Dichlorobenzidine		73	U	73	880
2,4-Dinitrotoluene		67	U	67	360
2,6-Dinitrotoluene		59	U	59	360
Fluoranthene		6000		79	360
Fluorene		170	J	81	360
Hexachlorobenzene		85	U	85	360
Hexachlorobutadiene		75	U	75	360
Hexachlorocyclopentadiene		110	U	110	490
Hexachloroethane		69	U	69	360
Indeno[1,2,3-cd]pyrene		2400		49	360
Isophorone		81	U	81	360
2-Methylnaphthalene		81	U	81	360
Naphthalene		130	J	77	360
2-Nitroaniline		70	U	70	2200
3-Nitroaniline		67	U	67	2200
Nitrobenzene		86	U	86	360
N-Nitrosodi-n-propylamine		88	U	88	360

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(10-12)

Lab Sample ID: 220-7163-4

Date Sampled: 11/07/2008 1100

Client Matrix: Solid

% Moisture: 24.0

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22032	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	C8682.D
Dilution:	1.0		Initial Weight/Volume:	15.00 g
Date Analyzed:	11/14/2008 1555		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		71	U	71	360
Phenanthrene		720		77	360
Pyrene		6400		87	360
1,2,4-Trichlorobenzene		72	U	72	360
4-Chloro-3-methylphenol		64	U	64	360
2-Chlorophenol		80	U	80	360
2-Methylphenol		64	U	64	360
4-Methylphenol		85	U	85	360
2,4-Dichlorophenol		74	U	74	360
2,4-Dimethylphenol		58	U	58	360
2,4-Dinitrophenol		480	U *	480	2200
4,6-Dinitro-2-methylphenol		32	U	32	2200
2-Nitrophenol		62	U	62	360
4-Nitrophenol		79	U	79	2200
Pentachlorophenol		44	U	44	2200
Phenol		73	U	73	360
2,4,5-Trichlorophenol		65	U	65	2200
2,4,6-Trichlorophenol		72	U	72	360
Benzyl alcohol		62	U	62	360
4-Nitroaniline		67	U	67	360
2,2'-oxybis[1-chloropropane]		84	U	84	360

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	75	32 - 131
2-Fluorophenol	71	25 - 113
2,4,6-Tribromophenol	63	24 - 150
Nitrobenzene-d5	69	25 - 120
Phenol-d5	74	27 - 122
Terphenyl-d14	90	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(1-3)

Lab Sample ID: 220-7163-5

Date Sampled: 11/07/2008 1400

Client Matrix: Solid

% Moisture: 10.5

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22032	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	C8680.D
Dilution:	10		Initial Weight/Volume:	15.08 g
Date Analyzed:	11/14/2008 1429		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		1800	J	650	3000
Acenaphthylene		740	J	690	3000
Anthracene		5700		660	3000
Benzo[a]anthracene		17000		560	3000
Benzo[a]pyrene		15000		420	3000
Benzo[b]fluoranthene		18000		530	3000
Benzo[g,h,i]perylene		16000		420	3000
Benzo[k]fluoranthene		6200		480	3000
Bis(2-chloroethoxy)methane		620	U	620	3000
Bis(2-chloroethyl)ether		850	U	850	3000
Bis(2-ethylhexyl) phthalate		590	U	590	3000
Butyl benzyl phthalate		610	U	610	3000
Carbazole		2700	J	600	3000
Chrysene		17000		640	3000
Di-n-butyl phthalate		700	U	700	3000
Di-n-octyl phthalate		530	U	530	3000
4-Bromophenyl phenyl ether		550	U	550	3000
4-Chloroaniline		490	U	490	3000
2-Chloronaphthalene		640	U	640	3000
4-Chlorophenyl phenyl ether		630	U	630	3000
Dibenz(a,h)anthracene		4500		380	3000
Dibenzofuran		1300	J	650	3000
Diethyl phthalate		700	U	700	3000
Dimethyl phthalate		630	U	630	3000
1,2-Dichlorobenzene		600	U	600	3000
1,3-Dichlorobenzene		500	U	500	3000
1,4-Dichlorobenzene		640	U	640	3000
3,3'-Dichlorobenzidine		620	U	620	7400
2,4-Dinitrotoluene		570	U	570	3000
2,6-Dinitrotoluene		500	U	500	3000
Fluoranthene		37000		670	3000
Fluorene		1600	J	680	3000
Hexachlorobenzene		720	U	720	3000
Hexachlorobutadiene		640	U	640	3000
Hexachlorocyclopentadiene		930	U	930	4100
Hexachloroethane		580	U	580	3000
Indeno[1,2,3-cd]pyrene		18000		410	3000
Isophorone		690	U	690	3000
2-Methylnaphthalene		690	U	690	3000
Naphthalene		820	J	650	3000
2-Nitroaniline		590	U	590	19000
3-Nitroaniline		570	U	570	19000
Nitrobenzene		730	U	730	3000
N-Nitrosodi-n-propylamine		740	U	740	3000

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(1-3)

Lab Sample ID: 220-7163-5

Date Sampled: 11/07/2008 1400

Client Matrix: Solid

% Moisture: 10.5

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-22032

Instrument ID: HP 6890/5975

Preparation: 3541

Prep Batch: 220-21810

Lab File ID: C8680.D

Dilution: 10

Initial Weight/Volume: 15.08 g

Date Analyzed: 11/14/2008 1429

Final Weight/Volume: 1 mL

Date Prepared: 11/10/2008 0948

Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		600	U	600	3000
Phenanthrene		29000		650	3000
Pyrene		34000		740	3000
1,2,4-Trichlorobenzene		610	U	610	3000
4-Chloro-3-methylphenol		540	U	540	3000
2-Chlorophenol		670	U	670	3000
2-Methylphenol		540	U	540	3000
4-Methylphenol		720	U	720	3000
2,4-Dichlorophenol		620	U	620	3000
2,4-Dimethylphenol		490	U	490	3000
2,4-Dinitrophenol		4100	U *	4100	19000
4,6-Dinitro-2-methylphenol		270	U	270	19000
2-Nitrophenol		520	U	520	3000
4-Nitrophenol		670	U	670	19000
Pentachlorophenol		370	U	370	19000
Phenol		610	U	610	3000
2,4,5-Trichlorophenol		550	U	550	19000
2,4,6-Trichlorophenol		610	U	610	3000
Benzyl alcohol		520	U	520	3000
4-Nitroaniline		560	U	560	3000
2,2'-oxybis[1-chloropropane]		710	U	710	3000

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	83	32 - 131
2-Fluorophenol	76	25 - 113
2,4,6-Tribromophenol	60	24 - 150
Nitrobenzene-d5	73	25 - 120
Phenol-d5	76	27 - 122
Terphenyl-d14	90	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(16-18)

Lab Sample ID: 220-7163-6

Date Sampled: 11/07/2008 1410

Client Matrix: Solid

% Moisture: 6.8

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22032	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID: C8679.D
Dilution:	1.0		Initial Weight/Volume: 15.01 g
Date Analyzed:	11/14/2008 1401		Final Weight/Volume: 1 mL
Date Prepared:	11/10/2008 0948		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		63	U	63	290
Acenaphthylene		66	U	66	290
Anthracene		64	U	64	290
Benzo[a]anthracene		54	U	54	290
Benzo[a]pyrene		40	U	40	290
Benzo[b]fluoranthene		51	U	51	290
Benzo[g,h,i]perylene		41	U	41	290
Benzo[k]fluoranthene		46	U	46	290
Bis(2-chloroethoxy)methane		60	U	60	290
Bis(2-chloroethyl)ether		82	U	82	290
Bis(2-ethylhexyl) phthalate		200	J	57	290
Butyl benzyl phthalate		100	J	59	290
Carbazole		58	U	58	290
Chrysene		61	U	61	290
Di-n-butyl phthalate		68	U	68	290
Di-n-octyl phthalate		51	U	51	290
4-Bromophenyl phenyl ether		53	U	53	290
4-Chloroaniline		47	U	47	290
2-Chloronaphthalene		62	U	62	290
4-Chlorophenyl phenyl ether		61	U	61	290
Dibenz(a,h)anthracene		36	U	36	290
Dibenzofuran		63	U	63	290
Diethyl phthalate		67	U	67	290
Dimethyl phthalate		61	U	61	290
1,2-Dichlorobenzene		58	U	58	290
1,3-Dichlorobenzene		48	U	48	290
1,4-Dichlorobenzene		62	U	62	290
3,3'-Dichlorobenzidine		60	U	60	720
2,4-Dinitrotoluene		55	U	55	290
2,6-Dinitrotoluene		48	U	48	290
Fluoranthene		64	U	64	290
Fluorene		66	U	66	290
Hexachlorobenzene		69	U	69	290
Hexachlorobutadiene		61	U	61	290
Hexachlorocyclopentadiene		90	U	90	400
Hexachloroethane		56	U	56	290
Indeno[1,2,3-cd]pyrene		40	U	40	290
Isophorone		66	U	66	290
2-Methylnaphthalene		66	U	66	290
Naphthalene		63	U	63	290
2-Nitroaniline		57	U	57	1800
3-Nitroaniline		55	U	55	1800
Nitrobenzene		70	U	70	290
N-Nitrosodi-n-propylamine		72	U	72	290

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(16-18)

Lab Sample ID: 220-7163-6

Date Sampled: 11/07/2008 1410

Client Matrix: Solid

% Moisture: 6.8

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22032	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	C8679.D
Dilution:	1.0		Initial Weight/Volume:	15.01 g
Date Analyzed:	11/14/2008 1401		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		58	U	58	290
Phenanthrene		63	U	63	290
Pyrene		71	U	71	290
1,2,4-Trichlorobenzene		59	U	59	290
4-Chloro-3-methylphenol		52	U	52	290
2-Chlorophenol		65	U	65	290
2-Methylphenol		52	U	52	290
4-Methylphenol		69	U	69	290
2,4-Dichlorophenol		60	U	60	290
2,4-Dimethylphenol		47	U	47	290
2,4-Dinitrophenol		390	U *	390	1800
4,6-Dinitro-2-methylphenol		26	U	26	1800
2-Nitrophenol		51	U	51	290
4-Nitrophenol		65	U	65	1800
Pentachlorophenol		36	U	36	1800
Phenol		59	U	59	290
2,4,5-Trichlorophenol		53	U	53	1800
2,4,6-Trichlorophenol		58	U	58	290
Benzyl alcohol		50	U	50	290
4-Nitroaniline		54	U	54	290
2,2'-oxybis[1-chloropropane]		69	U	69	290

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	86	32 - 131
2-Fluorophenol	91	25 - 113
2,4,6-Tribromophenol	73	24 - 150
Nitrobenzene-d5	89	25 - 120
Phenol-d5	89	27 - 122
Terphenyl-d14	102	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-13(1-3)

Lab Sample ID: 220-7163-7
Client Matrix: Solid

% Moisture: 11.5

Date Sampled: 11/07/2008 1445
Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 220-22050 Instrument ID: HP 6890/5975
Preparation: 3541 Prep Batch: 220-21810 Lab File ID: A2598.D
Dilution: 10 Initial Weight/Volume: 15.05 g
Date Analyzed: 11/17/2008 1300 Final Weight/Volume: 1 mL
Date Prepared: 11/10/2008 0948 Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		3200		660	3000
Acenaphthylene		700	U	700	3000
Anthracene		7200		670	3000
Benzo[a]anthracene		12000		560	3000
Benzo[a]pyrene		9900		420	3000
Benzo[b]fluoranthene		11000		540	3000
Benzo[g,h,i]perylene		8000		430	3000
Benzo[k]fluoranthene		3700		490	3000
Bis(2-chloroethoxy)methane		630	U	630	3000
Bis(2-chloroethyl)ether		860	U	860	3000
Bis(2-ethylhexyl) phthalate		600	U	600	3000
Butyl benzyl phthalate		620	U	620	3000
Carbazole		3400		600	3000
Chrysene		12000		640	3000
Di-n-butyl phthalate		710	U	710	3000
Di-n-octyl phthalate		540	U	540	3000
4-Bromophenyl phenyl ether		560	U	560	3000
4-Chloroaniline		490	U	490	3000
2-Chloronaphthalene		650	U	650	3000
4-Chlorophenyl phenyl ether		640	U	640	3000
Dibenz(a,h)anthracene		4100		380	3000
Dibenzofuran		2800	J	660	3000
Diethyl phthalate		710	U	710	3000
Dimethyl phthalate		640	U	640	3000
1,2-Dichlorobenzene		610	U	610	3000
1,3-Dichlorobenzene		510	U	510	3000
1,4-Dichlorobenzene		650	U	650	3000
3,3'-Dichlorobenzidine		630	U	630	7500
2,4-Dinitrotoluene		580	U	580	3000
2,6-Dinitrotoluene		500	U	500	3000
Fluoranthene		29000		670	3000
Fluorene		3400		690	3000
Hexachlorobenzene		730	U	730	3000
Hexachlorobutadiene		650	U	650	3000
Hexachlorocyclopentadiene		940	U	940	4200
Hexachloroethane		590	U	590	3000
Indeno[1,2,3-cd]pyrene		8900		420	3000
Isophorone		700	U	700	3000
2-Methylnaphthalene		1300	J	700	3000
Naphthalene		3100		660	3000
2-Nitroaniline		600	U	600	19000
3-Nitroaniline		570	U	570	19000
Nitrobenzene		740	U	740	3000
N-Nitrosodi-n-propylamine		750	U	750	3000

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(1-3)

Lab Sample ID: 220-7163-7

Date Sampled: 11/07/2008 1445

Client Matrix: Solid

% Moisture: 11.5

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22050	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch: 220-21810	Lab File ID:	A2598.D
Dilution:	10		Initial Weight/Volume:	15.05 g
Date Analyzed:	11/17/2008 1300		Final Weight/Volume:	1 mL
Date Prepared:	11/10/2008 0948		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		610	U	610	3000
Phenanthrene		30000		660	3000
Pyrene		23000		750	3000
1,2,4-Trichlorobenzene		620	U	620	3000
4-Chloro-3-methylphenol		550	U	550	3000
2-Chlorophenol		680	U	680	3000
2-Methylphenol		550	U	550	3000
4-Methylphenol		730	U	730	3000
2,4-Dichlorophenol		630	U	630	3000
2,4-Dimethylphenol		490	U	490	3000
2,4-Dinitrophenol		4100	U *	4100	19000
4,6-Dinitro-2-methylphenol		270	U	270	19000
2-Nitrophenol		530	U	530	3000
4-Nitrophenol		680	U	680	19000
Pentachlorophenol		370	U	370	19000
Phenol		620	U	620	3000
2,4,5-Trichlorophenol		560	U	560	19000
2,4,6-Trichlorophenol		610	U	610	3000
Benzyl alcohol		530	U	530	3000
4-Nitroaniline		570	U	570	3000
2,2'-oxybis[1-chloropropane]		720	U	720	3000

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	66	32 - 131
2-Fluorophenol	68	25 - 113
2,4,6-Tribromophenol	47	24 - 150
Nitrobenzene-d5	67	25 - 120
Phenol-d5	68	27 - 122
Terphenyl-d14	66	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(27-29)

Lab Sample ID: 220-7163-8

Date Sampled: 11/07/2008 1500

Client Matrix: Solid

% Moisture: 15.8

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-22032

Instrument ID: HP 6890/5975

Preparation: 3541

Prep Batch: 220-21810

Lab File ID: C8681.D

Dilution: 1.0

Initial Weight/Volume: 15.01 g

Date Analyzed: 11/14/2008 1524

Final Weight/Volume: 1 mL

Date Prepared: 11/10/2008 0948

Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		69	U	69	320
Acenaphthylene		73	U	73	320
Anthracene		71	U	71	320
Benzo[a]anthracene		59	U	59	320
Benzo[a]pyrene		45	U	45	320
Benzo[b]fluoranthene		57	U	57	320
Benzo[g,h,i]perylene		45	U	45	320
Benzo[k]fluoranthene		51	U	51	320
Bis(2-chloroethoxy)methane		66	U	66	320
Bis(2-chloroethyl)ether		90	U	90	320
Bis(2-ethylhexyl) phthalate		200	J	63	320
Butyl benzyl phthalate		65	U	65	320
Carbazole		64	U	64	320
Chrysene		68	U	68	320
Di-n-butyl phthalate		75	U	75	320
Di-n-octyl phthalate		56	U	56	320
4-Bromophenyl phenyl ether		59	U	59	320
4-Chloroaniline		52	U	52	320
2-Chloronaphthalene		68	U	68	320
4-Chlorophenyl phenyl ether		68	U	68	320
Dibenz(a,h)anthracene		40	U	40	320
Dibenzofuran		70	U	70	320
Diethyl phthalate		74	U	74	320
Dimethyl phthalate		68	U	68	320
1,2-Dichlorobenzene		64	U	64	320
1,3-Dichlorobenzene		53	U	53	320
1,4-Dichlorobenzene		69	U	69	320
3,3'-Dichlorobenzidine		66	U	66	800
2,4-Dinitrotoluene		61	U	61	320
2,6-Dinitrotoluene		53	U	53	320
Fluoranthene		71	U	71	320
Fluorene		73	U	73	320
Hexachlorobenzene		77	U	77	320
Hexachlorobutadiene		68	U	68	320
Hexachlorocyclopentadiene		99	U	99	440
Hexachloroethane		62	U	62	320
Indeno[1,2,3-cd]pyrene		44	U	44	320
Isophorone		73	U	73	320
2-Methylnaphthalene		73	U	73	320
Naphthalene		70	U	70	320
2-Nitroaniline		63	U	63	2000
3-Nitroaniline		60	U	60	2000
Nitrobenzene		78	U	78	320
N-Nitrosodi-n-propylamine		80	U	80	320

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(27-29)

Lab Sample ID: 220-7163-8

Date Sampled: 11/07/2008 1500

Client Matrix: Solid

% Moisture: 15.8

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-22032

Instrument ID: HP 6890/5975

Preparation: 3541

Prep Batch: 220-21810

Lab File ID: C8681.D

Dilution: 1.0

Initial Weight/Volume: 15.01 g

Date Analyzed: 11/14/2008 1524

Final Weight/Volume: 1 mL

Date Prepared: 11/10/2008 0948

Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		64	U	64	320
Phenanthrene		70	U	70	320
Pyrene		79	U	79	320
1,2,4-Trichlorobenzene		65	U	65	320
4-Chloro-3-methylphenol		58	U	58	320
2-Chlorophenol		72	U	72	320
2-Methylphenol		58	U	58	320
4-Methylphenol		76	U	76	320
2,4-Dichlorophenol		66	U	66	320
2,4-Dimethylphenol		52	U	52	320
2,4-Dinitrophenol		430	U *	430	2000
4,6-Dinitro-2-methylphenol		29	U	29	2000
2-Nitrophenol		56	U	56	320
4-Nitrophenol		72	U	72	2000
Pentachlorophenol		39	U	39	2000
Phenol		66	U	66	320
2,4,5-Trichlorophenol		59	U	59	2000
2,4,6-Trichlorophenol		65	U	65	320
Benzyl alcohol		56	U	56	320
4-Nitroaniline		60	U	60	320
2,2'-oxybis[1-chloropropane]		76	U	76	320

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	60	32 - 131
2-Fluorophenol	64	25 - 113
2,4,6-Tribromophenol	55	24 - 150
Nitrobenzene-d5	60	25 - 120
Phenol-d5	63	27 - 122
Terphenyl-d14	80	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9

Date Sampled: 11/07/2008 0920

Client Matrix: Water

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21859	Lab File ID:	C8627.D
Dilution:	1.0		Initial Weight/Volume:	900 mL
Date Analyzed:	11/11/2008 2141		Final Weight/Volume:	1.0 mL
Date Prepared:	11/11/2008 0931		Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.42	U	0.42	4.4
Acenaphthylene	0.52	U	0.52	4.4
Anthracene	0.47	U	0.47	4.4
Benzo[a]anthracene	0.41	U	0.41	4.4
Benzo[a]pyrene	0.41	U	0.41	4.4
Benzo[b]fluoranthene	0.42	U	0.42	4.4
Benzo[g,h,i]perylene	0.32	U	0.32	4.4
Benzo[k]fluoranthene	0.48	U	0.48	4.4
Bis(2-chloroethoxy)methane	1.3	U	1.3	4.4
Bis(2-chloroethyl)ether	1.2	U	1.2	4.4
Bis(2-ethylhexyl) phthalate	0.56	U	0.56	4.4
Butyl benzyl phthalate	0.53	U	0.53	4.4
Carbazole	0.39	U	0.39	4.4
Chrysene	0.44	U	0.44	4.4
Di-n-butyl phthalate	0.54	U	0.54	4.4
Di-n-octyl phthalate	0.50	U	0.50	4.4
4-Bromophenyl phenyl ether	0.54	U	0.54	4.4
4-Chloroaniline	0.74	U	0.74	4.4
2-Chloronaphthalene	0.54	U	0.54	4.4
4-Chlorophenyl phenyl ether	0.54	U	0.54	4.4
Dibenz(a,h)anthracene	0.36	U	0.36	4.4
Dibenzofuran	0.43	U	0.43	4.4
Diethyl phthalate	0.47	U	0.47	4.4
Dimethyl phthalate	0.37	U	0.37	4.4
1,2-Dichlorobenzene	0.53	U	0.53	4.4
1,3-Dichlorobenzene	0.48	U	0.48	4.4
1,4-Dichlorobenzene	0.57	U	0.57	4.4
3,3'-Dichlorobenzidine	0.73	U	0.73	4.4
2,4-Dinitrotoluene	0.33	U	0.33	4.4
2,6-Dinitrotoluene	0.47	U	0.47	4.4
Fluoranthene	0.47	U	0.47	4.4
Fluorene	0.53	U	0.53	4.4
Hexachlorobenzene	0.53	U	0.53	4.4
Hexachlorobutadiene	0.96	U	0.96	4.4
Hexachlorocyclopentadiene	0.83	U	0.83	4.4
Hexachloroethane	0.58	U	0.58	4.4
Indeno[1,2,3-cd]pyrene	0.46	U	0.46	4.4
Isophorone	0.42	U	0.42	4.4
2-Methylnaphthalene	0.52	U	0.52	4.4
Naphthalene	0.47	U	0.47	4.4
2-Nitroaniline	0.59	U	0.59	4.4
3-Nitroaniline	0.41	U	0.41	4.4
Nitrobenzene	0.81	U	0.81	4.4
N-Nitrosodi-n-propylamine	0.46	U	0.46	4.4

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9
Client Matrix: Water

Date Sampled: 11/07/2008 0920
Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21859	Lab File ID:	C8627.D
Dilution:	1.0		Initial Weight/Volume:	900 mL
Date Analyzed:	11/11/2008 2141		Final Weight/Volume:	1.0 mL
Date Prepared:	11/11/2008 0931		Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	0.39	U	0.39	4.4
Phenanthrene	0.43	U	0.43	4.4
Pyrene	0.47	U	0.47	4.4
1,2,4-Trichlorobenzene	0.72	U	0.72	4.4
4-Chloro-3-methylphenol	1.5	U	1.5	5.6
2-Chlorophenol	0.68	U	0.68	4.4
2-Methylphenol	0.67	U	0.67	4.4
4-Methylphenol	0.43	U	0.43	4.4
2,4-Dichlorophenol	0.61	U	0.61	4.4
2,4-Dimethylphenol	0.56	U	0.56	4.4
2,4-Dinitrophenol	1.2	U	1.2	28
4,6-Dinitro-2-methylphenol	0.41	U	0.41	28
2-Nitrophenol	0.57	U	0.57	4.4
4-Nitrophenol	0.42	U	0.42	11
Pentachlorophenol	1.3	U	1.3	28
Phenol	0.32	U	0.32	4.4
2,4,5-Trichlorophenol	0.60	U	0.60	11
2,4,6-Trichlorophenol	0.54	U	0.54	4.4
Benzyl alcohol	0.43	U	0.43	4.4
4-Nitroaniline	0.31	U	0.31	4.4
2,2'-oxybis[1-chloropropane]	0.79	U	0.79	4.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	71	43 - 116
2-Fluorophenol	33	21 - 97
2,4,6-Tribromophenol	64	29 - 126
Nitrobenzene-d5	70	38 - 113
Phenol-d5	25	18 - 97
Terphenyl-d14	63	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10

Date Sampled: 11/07/2008 1230

Client Matrix: Water

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21859	Lab File ID: C8631.D
Dilution:	1.0		Initial Weight/Volume: 880 mL
Date Analyzed:	11/11/2008 2335		Final Weight/Volume: 1.0 mL
Date Prepared:	11/11/2008 0931		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.68	J	0.43	4.5
Acenaphthylene	0.53	U	0.53	4.5
Anthracene	1.5	J	0.48	4.5
Benzo[a]anthracene	1.1	J	0.42	4.5
Benzo[a]pyrene	3.2	J	0.42	4.5
Benzo[b]fluoranthene	0.43	U	0.43	4.5
Benzo[g,h,i]perylene	5.1		0.33	4.5
Benzo[k]fluoranthene	0.49	U	0.49	4.5
Bis(2-chloroethoxy)methane	1.3	U	1.3	4.5
Bis(2-chloroethyl)ether	1.2	U	1.2	4.5
Bis(2-ethylhexyl) phthalate	5.1		0.57	4.5
Butyl benzyl phthalate	0.55	U	0.55	4.5
Carbazole	0.40	U	0.40	4.5
Chrysene	1.8	J	0.45	4.5
Di-n-butyl phthalate	0.56	U	0.56	4.5
Di-n-octyl phthalate	0.51	U	0.51	4.5
4-Bromophenyl phenyl ether	0.56	U	0.56	4.5
4-Chloroaniline	0.76	U	0.76	4.5
2-Chloronaphthalene	0.56	U	0.56	4.5
4-Chlorophenyl phenyl ether	0.56	U	0.56	4.5
Dibenz(a,h)anthracene	0.36	U	0.36	4.5
Dibenzofuran	0.44	U	0.44	4.5
Diethyl phthalate	0.48	U	0.48	4.5
Dimethyl phthalate	0.38	U	0.38	4.5
1,2-Dichlorobenzene	0.55	U	0.55	4.5
1,3-Dichlorobenzene	0.49	U	0.49	4.5
1,4-Dichlorobenzene	0.58	U	0.58	4.5
3,3'-Dichlorobenzidine	0.75	U	0.75	4.5
2,4-Dinitrotoluene	0.34	U	0.34	4.5
2,6-Dinitrotoluene	0.48	U	0.48	4.5
Fluoranthene	1.4	J	0.48	4.5
Fluorene	0.55	U	0.55	4.5
Hexachlorobenzene	0.55	U	0.55	4.5
Hexachlorobutadiene	0.98	U	0.98	4.5
Hexachlorocyclopentadiene	0.85	U	0.85	4.5
Hexachloroethane	0.59	U	0.59	4.5
Indeno[1,2,3-cd]pyrene	0.47	U	0.47	4.5
Isophorone	0.43	U	0.43	4.5
2-Methylnaphthalene	0.53	U	0.53	4.5
Naphthalene	0.48	U	0.48	4.5
2-Nitroaniline	0.60	U	0.60	4.5
3-Nitroaniline	0.42	U	0.42	4.5
Nitrobenzene	0.83	U	0.83	4.5
N-Nitrosodi-n-propylamine	0.47	U	0.47	4.5

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10

Date Sampled: 11/07/2008 1230

Client Matrix: Water

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21859	Lab File ID: C8631.D
Dilution:	1.0		Initial Weight/Volume: 880 mL
Date Analyzed:	11/11/2008 2335		Final Weight/Volume: 1.0 mL
Date Prepared:	11/11/2008 0931		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	0.40	U	0.40	4.5
Phenanthrene	0.44	U	0.44	4.5
Pyrene	7.1		0.48	4.5
1,2,4-Trichlorobenzene	0.74	U	0.74	4.5
4-Chloro-3-methylphenol	1.5	U	1.5	5.7
2-Chlorophenol	0.69	U	0.69	4.5
2-Methylphenol	0.68	U	0.68	4.5
4-Methylphenol	0.44	U	0.44	4.5
2,4-Dichlorophenol	0.63	U	0.63	4.5
2,4-Dimethylphenol	0.57	U	0.57	4.5
2,4-Dinitrophenol	1.3	U	1.3	28
4,6-Dinitro-2-methylphenol	0.42	U	0.42	28
2-Nitrophenol	0.58	U	0.58	4.5
4-Nitrophenol	0.43	U	0.43	11
Pentachlorophenol	1.4	U	1.4	28
Phenol	0.33	U	0.33	4.5
2,4,5-Trichlorophenol	0.61	U	0.61	11
2,4,6-Trichlorophenol	0.56	U	0.56	4.5
Benzyl alcohol	0.44	U	0.44	4.5
4-Nitroaniline	0.32	U	0.32	4.5
2,2'-oxybis[1-chloropropane]	0.81	U	0.81	4.5

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	43 - 116
2-Fluorophenol	32	21 - 97
2,4,6-Tribromophenol	71	29 - 126
Nitrobenzene-d5	66	38 - 113
Phenol-d5	22	18 - 97
Terphenyl-d14	66	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: DFB

Lab Sample ID: 220-7163-11FB

Date Sampled: 11/07/2008 1315

Client Matrix: Water

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21859	Lab File ID: C8628.D
Dilution:	1.0		Initial Weight/Volume: 940 mL
Date Analyzed:	11/11/2008 2210		Final Weight/Volume: 1.0 mL
Date Prepared:	11/11/2008 0931		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.40	U	0.40	4.3
Acenaphthylene	0.50	U	0.50	4.3
Anthracene	0.45	U	0.45	4.3
Benzo[a]anthracene	0.39	U	0.39	4.3
Benzo[a]pyrene	0.39	U	0.39	4.3
Benzo[b]fluoranthene	0.40	U	0.40	4.3
Benzo[g,h,i]perylene	0.31	U	0.31	4.3
Benzo[k]fluoranthene	0.46	U	0.46	4.3
Bis(2-chloroethoxy)methane	1.2	U	1.2	4.3
Bis(2-chloroethyl)ether	1.1	U	1.1	4.3
Bis(2-ethylhexyl) phthalate	0.53	U	0.53	4.3
Butyl benzyl phthalate	0.51	U	0.51	4.3
Carbazole	0.37	U	0.37	4.3
Chrysene	0.43	U	0.43	4.3
Di-n-butyl phthalate	0.52	U	0.52	4.3
Di-n-octyl phthalate	0.48	U	0.48	4.3
4-Bromophenyl phenyl ether	0.52	U	0.52	4.3
4-Chloroaniline	0.71	U	0.71	4.3
2-Chloronaphthalene	0.52	U	0.52	4.3
4-Chlorophenyl phenyl ether	0.52	U	0.52	4.3
Dibenz(a,h)anthracene	0.34	U	0.34	4.3
Dibenzofuran	0.41	U	0.41	4.3
Diethyl phthalate	0.45	U	0.45	4.3
Dimethyl phthalate	0.35	U	0.35	4.3
1,2-Dichlorobenzene	0.51	U	0.51	4.3
1,3-Dichlorobenzene	0.46	U	0.46	4.3
1,4-Dichlorobenzene	0.54	U	0.54	4.3
3,3'-Dichlorobenzidine	0.70	U	0.70	4.3
2,4-Dinitrotoluene	0.32	U	0.32	4.3
2,6-Dinitrotoluene	0.45	U	0.45	4.3
Fluoranthene	0.45	U	0.45	4.3
Fluorene	0.51	U	0.51	4.3
Hexachlorobenzene	0.51	U	0.51	4.3
Hexachlorobutadiene	0.91	U	0.91	4.3
Hexachlorocyclopentadiene	0.80	U	0.80	4.3
Hexachloroethane	0.55	U	0.55	4.3
Indeno[1,2,3-cd]pyrene	0.44	U	0.44	4.3
Isophorone	0.40	U	0.40	4.3
2-Methylnaphthalene	0.50	U	0.50	4.3
Naphthalene	0.45	U	0.45	4.3
2-Nitroaniline	0.56	U	0.56	4.3
3-Nitroaniline	0.39	U	0.39	4.3
Nitrobenzene	0.78	U	0.78	4.3
N-Nitrosodi-n-propylamine	0.44	U	0.44	4.3

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: DFB

Lab Sample ID: 220-7163-11FB
Client Matrix: Water

Date Sampled: 11/07/2008 1315
Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21859	Lab File ID:	C8628.D
Dilution:	1.0		Initial Weight/Volume:	940 mL
Date Analyzed:	11/11/2008 2210		Final Weight/Volume:	1.0 mL
Date Prepared:	11/11/2008 0931		Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	0.37	U	0.37	4.3
Phenanthrene	0.41	U	0.41	4.3
Pyrene	0.45	U	0.45	4.3
1,2,4-Trichlorobenzene	0.69	U	0.69	4.3
4-Chloro-3-methylphenol	1.4	U	1.4	5.3
2-Chlorophenol	0.65	U	0.65	4.3
2-Methylphenol	0.64	U	0.64	4.3
4-Methylphenol	0.41	U	0.41	4.3
2,4-Dichlorophenol	0.59	U	0.59	4.3
2,4-Dimethylphenol	0.53	U	0.53	4.3
2,4-Dinitrophenol	1.2	U	1.2	27
4,6-Dinitro-2-methylphenol	0.39	U	0.39	27
2-Nitrophenol	0.54	U	0.54	4.3
4-Nitrophenol	0.40	U	0.40	11
Pentachlorophenol	1.3	U	1.3	27
Phenol	0.31	U	0.31	4.3
2,4,5-Trichlorophenol	0.57	U	0.57	11
2,4,6-Trichlorophenol	0.52	U	0.52	4.3
Benzyl alcohol	0.41	U	0.41	4.3
4-Nitroaniline	0.30	U	0.30	4.3
2,2'-oxybis[1-chloropropane]	0.76	U	0.76	4.3

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	77	43 - 116
2-Fluorophenol	39	21 - 97
2,4,6-Tribromophenol	58	29 - 126
Nitrobenzene-d5	79	38 - 113
Phenol-d5	26	18 - 97
Terphenyl-d14	81	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13

Lab Sample ID: 220-7163-13

Date Sampled: 11/07/2008 1535

Client Matrix: Water

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22050	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-22024	Lab File ID: A2597.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	11/17/2008 1235		Final Weight/Volume: 1 mL
Date Prepared:	11/14/2008 2113		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.38	U	0.38	4.0
Acenaphthylene	0.47	U	0.47	4.0
Anthracene	0.42	U	0.42	4.0
Benzo[a]anthracene	0.49	J	0.37	4.0
Benzo[a]pyrene	0.38	J	0.37	4.0
Benzo[b]fluoranthene	0.48	J	0.38	4.0
Benzo[g,h,i]perylene	1.8	J	0.29	4.0
Benzo[k]fluoranthene	0.43	U	0.43	4.0
Bis(2-chloroethoxy)methane	1.1	U	1.1	4.0
Bis(2-chloroethyl)ether	1.0	U	1.0	4.0
Bis(2-ethylhexyl) phthalate	42		0.50	4.0
Butyl benzyl phthalate	0.48	U	0.48	4.0
Carbazole	0.35	U	0.35	4.0
Chrysene	0.49	J	0.40	4.0
Di-n-butyl phthalate	0.49	U	0.49	4.0
Di-n-octyl phthalate	0.45	U	0.45	4.0
4-Bromophenyl phenyl ether	0.49	U	0.49	4.0
4-Chloroaniline	0.67	U	0.67	4.0
2-Chloronaphthalene	0.49	U	0.49	4.0
4-Chlorophenyl phenyl ether	0.49	U	0.49	4.0
Dibenz(a,h)anthracene	0.32	U	0.32	4.0
Dibenzofuran	0.39	U	0.39	4.0
Diethyl phthalate	0.42	U	0.42	4.0
Dimethyl phthalate	0.33	U	0.33	4.0
1,2-Dichlorobenzene	0.48	U	0.48	4.0
1,3-Dichlorobenzene	0.43	U	0.43	4.0
1,4-Dichlorobenzene	0.51	U	0.51	4.0
3,3'-Dichlorobenzidine	0.66	U	0.66	4.0
2,4-Dinitrotoluene	0.30	U	0.30	4.0
2,6-Dinitrotoluene	0.42	U	0.42	4.0
Fluoranthene	1.3	J	0.42	4.0
Fluorene	0.48	U	0.48	4.0
Hexachlorobenzene	0.48	U	0.48	4.0
Hexachlorobutadiene	0.86	U	0.86	4.0
Hexachlorocyclopentadiene	0.75	U	0.75	4.0
Hexachloroethane	0.52	U	0.52	4.0
Indeno[1,2,3-cd]pyrene	3.7	J	0.41	4.0
Isophorone	0.38	U	0.38	4.0
2-Methylnaphthalene	0.47	U	0.47	4.0
Naphthalene	0.42	U	0.42	4.0
2-Nitroaniline	0.53	U	0.53	4.0
3-Nitroaniline	0.37	U	0.37	4.0
Nitrobenzene	0.73	U	0.73	4.0
N-Nitrosodi-n-propylamine	0.41	U	0.41	4.0

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13

Lab Sample ID: 220-7163-13

Date Sampled: 11/07/2008 1535

Client Matrix: Water

Date Received: 11/07/2008 1930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-22050	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-22024	Lab File ID: A2597.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	11/17/2008 1235		Final Weight/Volume: 1 mL
Date Prepared:	11/14/2008 2113		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	0.35	U	0.35	4.0
Phenanthrene	1.2	J	0.39	4.0
Pyrene	1.0	J	0.42	4.0
1,2,4-Trichlorobenzene	0.65	U	0.65	4.0
4-Chloro-3-methylphenol	1.3	U	1.3	5.0
2-Chlorophenol	0.61	U	0.61	4.0
2-Methylphenol	0.60	U	0.60	4.0
4-Methylphenol	0.39	U	0.39	4.0
2,4-Dichlorophenol	0.55	U	0.55	4.0
2,4-Dimethylphenol	0.50	U	0.50	4.0
2,4-Dinitrophenol	1.1	U	1.1	25
4,6-Dinitro-2-methylphenol	0.37	U	0.37	25
2-Nitrophenol	0.51	U	0.51	4.0
4-Nitrophenol	0.38	U	0.38	10
Pentachlorophenol	1.2	U	1.2	25
Phenol	0.29	U	0.29	4.0
2,4,5-Trichlorophenol	0.54	U	0.54	10
2,4,6-Trichlorophenol	0.49	U	0.49	4.0
Benzyl alcohol	0.39	U	0.39	4.0
4-Nitroaniline	0.28	U	0.28	4.0
2,2'-oxybis[1-chloropropane]	0.71	U	0.71	4.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	70	43 - 116
2-Fluorophenol	36	21 - 97
2,4,6-Tribromophenol	78	29 - 126
Nitrobenzene-d5	67	38 - 113
Phenol-d5	24	18 - 97
Terphenyl-d14	66	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(1-3)

Lab Sample ID: 220-7163-1

Date Sampled: 11/07/2008 1120

Client Matrix: Solid

% Moisture: 6.1

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-22014	Instrument ID:	HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C8321022.D
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	11/13/2008 1913		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		0.43	U	0.43	3.5

Method:	8081A	Analysis Batch: 220-22014	Instrument ID:	HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C8321022.D
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	11/13/2008 1913		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	25 - 159
DCB Decachlorobiphenyl	91	25 - 159
Tetrachloro-m-xylene	86	24 - 154
Tetrachloro-m-xylene	81	24 - 154

Method:	8081A	Analysis Batch: 220-22114	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C7667028.D
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	11/14/2008 2220		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.63	U	0.63	3.5
4,4'-DDE		0.71	U	0.71	3.5
4,4'-DDT		0.86	U	0.86	3.5
Aldrin		0.19	U	0.19	1.8
alpha-BHC		0.26	U	0.26	1.8
beta-BHC		0.40	U	0.40	1.8
delta-BHC		0.39	U	0.39	1.8
Dieldrin		0.61	U	0.61	3.5
Endosulfan I		0.31	U	0.31	1.8
Endosulfan II		0.66	U	0.66	3.5
Endosulfan sulfate		0.63	U	0.63	3.5
Endrin		0.66	U	0.66	3.5
Endrin ketone		0.65	U	0.65	3.5
gamma-BHC (Lindane)		0.31	U	0.31	1.8
Heptachlor		0.34	U	0.34	1.8
Heptachlor epoxide		0.32	U	0.32	1.8
Methoxychlor		3.9	U	3.9	18
Toxaphene		12	U	12	88
alpha-Chlordane		0.29	U	0.29	1.8

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(1-3)

Lab Sample ID: 220-7163-1

Date Sampled: 11/07/2008 1120

Client Matrix: Solid

% Moisture: 6.1

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A Analysis Batch: 220-22114 Instrument ID: HP 5890 with dual ECD
Preparation: 3550B Prep Batch: 220-21876 Lab File ID: C7667028.D
Dilution: 1.0 Initial Weight/Volume: 30.04 g
Date Analyzed: 11/14/2008 2220 Final Weight/Volume: 10.0 mL
Date Prepared: 11/11/2008 1404 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
gamma-Chlordane		0.56	U	0.56	1.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	107	25 - 159
Tetrachloro-m-xylene	88	24 - 154

Method: 8081A Analysis Batch: 220-22114 Instrument ID: HP 5890 with dual ECD
Preparation: 3550B Prep Batch: 220-21876 Lab File ID: C7667028.D
Dilution: 1.0 Initial Weight/Volume: 30.04 g
Date Analyzed: 11/14/2008 2220 Final Weight/Volume: 10.0 mL
Date Prepared: 11/11/2008 1404 Injection Volume: 1.0 uL
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	75	25 - 159
Tetrachloro-m-xylene	85	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-7(6-7)

Lab Sample ID: 220-7163-2
Client Matrix: Solid

% Moisture: 20.1

Date Sampled: 11/07/2008 1140
Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/13/2008 1939
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22014
Prep Batch: 220-21876

Instrument ID: HP 6890 dual ECD
Lab File ID: C8321023.D
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		0.51	U	0.51	4.1

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(6-7)

Lab Sample ID: 220-7163-2

Date Sampled: 11/07/2008 1140

Client Matrix: Solid

% Moisture: 20.1

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/13/2008 1939
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22014
Prep Batch: 220-21876

Instrument ID: HP 6890 dual ECD
Lab File ID: C8321023.D
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	54	25 - 159
DCB Decachlorobiphenyl	54	25 - 159
Tetrachloro-m-xylene	50	24 - 154
Tetrachloro-m-xylene	51	24 - 154

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/14/2008 2241
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22114
Prep Batch: 220-21876

Instrument ID: HP 5890 with dual ECD
Lab File ID: C7667029.D
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.74	U	0.74	4.1
4,4'-DDE		0.84	U	0.84	4.1
4,4'-DDT		1.0	U	1.0	4.1
Aldrin		0.23	U	0.23	2.1
alpha-BHC		0.30	U	0.30	2.1
beta-BHC		0.47	U	0.47	2.1
delta-BHC		0.46	U	0.46	2.1
Dieldrin		0.71	U	0.71	4.1
Endosulfan I		0.36	U	0.36	2.1
Endosulfan II		0.78	U	0.78	4.1
Endosulfan sulfate		0.74	U	0.74	4.1
Endrin		0.77	U	0.77	4.1
Endrin ketone		0.76	U	0.76	4.1
gamma-BHC (Lindane)		0.36	U	0.36	2.1
Heptachlor		0.40	U	0.40	2.1
Heptachlor epoxide		0.38	U	0.38	2.1
Methoxychlor		4.6	U	4.6	21
Toxaphene		14	U	14	100
alpha-Chlordane		0.34	U	0.34	2.1
gamma-Chlordane		0.66	U	0.66	2.1

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	54	25 - 159
Tetrachloro-m-xylene	52	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(6-7)

Lab Sample ID: 220-7163-2

Date Sampled: 11/07/2008 1140

Client Matrix: Solid

% Moisture: 20.1

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22114

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-21876

Lab File ID: C7667029.D

Dilution: 1.0

Initial Weight/Volume: 30.09 g

Date Analyzed: 11/14/2008 2241

Final Weight/Volume: 10.0 mL

Date Prepared: 11/11/2008 1404

Injection Volume: 1.0 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	37	25 - 159
Tetrachloro-m-xylene	49	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-3(4-6)

Lab Sample ID: 220-7163-3
Client Matrix: Solid

% Moisture: 13.7

Date Sampled: 11/07/2008 1030
Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/13/2008 2004
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22014
Prep Batch: 220-21876

Instrument ID: HP 6890 dual ECD
Lab File ID: D8321024.D
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		4.7		0.47	3.8

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(4-6)

Lab Sample ID: 220-7163-3

Date Sampled: 11/07/2008 1030

Client Matrix: Solid

% Moisture: 13.7

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/13/2008 2004
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22014
Prep Batch: 220-21876

Instrument ID: HP 6890 dual ECD
Lab File ID: C8321024.D
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	133	25 - 159
DCB Decachlorobiphenyl	80	25 - 159
Tetrachloro-m-xylene	69	24 - 154
Tetrachloro-m-xylene	70	24 - 154

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/14/2008 2303
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22114
Prep Batch: 220-21876

Instrument ID: HP 5890 with dual ECD
Lab File ID: C7667030.D
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.69	U	0.69	3.8
4,4'-DDE		0.78	U	0.78	3.8
4,4'-DDT		6.9		0.94	3.8
Aldrin		0.21	U	0.21	2.0
alpha-BHC		0.28	U	0.28	2.0
beta-BHC		0.43	U	0.43	2.0
delta-BHC		0.42	U	0.42	2.0
Dieldrin		0.66	U	0.66	3.8
Endosulfan I		0.34	U	0.34	2.0
Endosulfan II		0.72	U	0.72	3.8
Endosulfan sulfate		0.69	U	0.69	3.8
Endrin		0.71	U	0.71	3.8
Endrin ketone		0.70	U	0.70	3.8
gamma-BHC (Lindane)		0.33	U	0.33	2.0
Heptachlor		0.37	U	0.37	2.0
Heptachlor epoxide		0.35	U	0.35	2.0
Methoxychlor		4.2	U	4.2	20
Toxaphene		13	U	13	96
alpha-Chlordane		0.32	U	0.32	2.0
gamma-Chlordane		1.4	J	0.61	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	63	25 - 159
Tetrachloro-m-xylene	78	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(4-6)

Lab Sample ID: 220-7163-3

Date Sampled: 11/07/2008 1030

Client Matrix: Solid

% Moisture: 13.7

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22114

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-21876

Lab File ID: C7667030.D

Dilution: 1.0

Initial Weight/Volume: 30.05 g

Date Analyzed: 11/14/2008 2303

Final Weight/Volume: 10.0 mL

Date Prepared: 11/11/2008 1404

Injection Volume: 1.0 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	99	25 - 159
Tetrachloro-m-xylene	65	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-3(10-12)

Lab Sample ID: 220-7163-4
Client Matrix: Solid

% Moisture: 24.0

Date Sampled: 11/07/2008 1100
Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/13/2008 2030
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22014
Prep Batch: 220-21876

Instrument ID: HP 6890 dual ECD
Lab File ID: C8321025.D
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		0.53	U	0.53	4.3

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(10-12)

Lab Sample ID: 220-7163-4

Date Sampled: 11/07/2008 1100

Client Matrix: Solid

% Moisture: 24.0

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/13/2008 2030
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22014
Prep Batch: 220-21876

Instrument ID: HP 6890 dual ECD
Lab File ID: C8321025.D
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	91	25 - 159
DCB Decachlorobiphenyl	170 *	25 - 159
Tetrachloro-m-xylene	65	24 - 154
Tetrachloro-m-xylene	163 *	24 - 154

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/18/2008 1901
Date Prepared: 11/11/2008 1404

Analysis Batch: 220-22092
Prep Batch: 220-21876

Instrument ID: HP 6890 dual ECD
Lab File ID: C8323045.D
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.78	U	0.78	4.3
4,4'-DDE		0.88	U	0.88	4.3
4,4'-DDT		1.1	U	1.1	4.3
Aldrin		0.24	U	0.24	2.2
alpha-BHC		0.32	U	0.32	2.2
beta-BHC		1.3	J	0.49	2.2
delta-BHC		0.48	U	0.48	2.2
Dieldrin		0.75	U	0.75	4.3
Endosulfan I		0.38	U	0.38	2.2
Endosulfan II		0.82	U	0.82	4.3
Endosulfan sulfate		4.5		0.78	4.3
Endrin		1.7	J	0.81	4.3
Endrin ketone		5.7		0.80	4.3
gamma-BHC (Lindane)		0.38	U	0.38	2.2
Heptachlor		0.42	U	0.42	2.2
Heptachlor epoxide		0.40	U	0.40	2.2
Methoxychlor		4.8	U	4.8	22
Toxaphene		15	U	15	110
alpha-Chlordane		0.36	U	0.36	2.2
gamma-Chlordane		4.2		0.70	2.2

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	25 - 159
Tetrachloro-m-xylene	61	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(10-12)

Lab Sample ID: 220-7163-4

Date Sampled: 11/07/2008 1100

Client Matrix: Solid

% Moisture: 24.0

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22092

Instrument ID: HP 6890 dual ECD

Preparation: 3550B

Prep Batch: 220-21876

Lab File ID: C8323045.D

Dilution: 1.0

Initial Weight/Volume: 30.02 g

Date Analyzed: 11/18/2008 1901

Final Weight/Volume: 10.0 mL

Date Prepared: 11/11/2008 1404

Injection Volume: 1.0 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	25 - 159
Tetrachloro-m-xylene	60	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(1-3)

Lab Sample ID: 220-7163-5

Date Sampled: 11/07/2008 1400

Client Matrix: Solid

% Moisture: 10.5

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-22014	Instrument ID:	HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	D8321026.D
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	11/13/2008 2055		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.3		0.66	3.7
4,4'-DDE		0.75	U	0.75	3.7
4,4'-DDT		13		0.90	3.7
Aldrin		0.20	U	0.20	1.9
alpha-BHC		0.27	U	0.27	1.9
beta-BHC		0.42	U	0.42	1.9
delta-BHC		0.41	U	0.41	1.9
Dieldrin		0.64	U	0.64	3.7
Endosulfan I		0.33	U	0.33	1.9
Endosulfan II		0.69	U	0.69	3.7
Endosulfan sulfate		0.66	U	0.66	3.7
Endrin		0.69	U	0.69	3.7
Endrin aldehyde		10		0.45	3.7
Endrin ketone		0.68	U	0.68	3.7
gamma-BHC (Lindane)		0.32	U	0.32	1.9
Heptachlor		0.36	U	0.36	1.9
Heptachlor epoxide		0.34	U	0.34	1.9
Methoxychlor		4.1	U	4.1	19
Toxaphene		13	U	13	93
alpha-Chlordane		0.31	U	0.31	1.9
gamma-Chlordane		0.70	J	0.59	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	25 - 159
Tetrachloro-m-xylene	81	24 - 154

Method:	8081A	Analysis Batch: 220-22014	Instrument ID:	HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C8321026.D
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	11/13/2008 2055		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	181	25 - 159
Tetrachloro-m-xylene	80	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(16-18)

Lab Sample ID: 220-7163-6

Date Sampled: 11/07/2008 1410

Client Matrix: Solid

% Moisture: 6.8

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-22014	Instrument ID:	HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C8321027.D
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	11/13/2008 2120		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.64	U	0.64	3.5
4,4'-DDE		0.72	U	0.72	3.5
4,4'-DDT		0.87	U	0.87	3.5
Aldrin		0.19	U	0.19	1.8
alpha-BHC		0.26	U	0.26	1.8
beta-BHC		0.40	U	0.40	1.8
delta-BHC		0.39	U	0.39	1.8
Dieldrin		0.61	U	0.61	3.5
Endosulfan I		0.31	U	0.31	1.8
Endosulfan II		0.67	U	0.67	3.5
Endosulfan sulfate		0.64	U	0.64	3.5
Endrin		0.66	U	0.66	3.5
Endrin aldehyde		0.44	U	0.44	3.5
Endrin ketone		0.65	U	0.65	3.5
gamma-BHC (Lindane)		0.31	U	0.31	1.8
Heptachlor		0.34	U	0.34	1.8
Heptachlor epoxide		0.32	U	0.32	1.8
Methoxychlor		3.9	U	3.9	18
Toxaphene		12	U	12	89
alpha-Chlordane		0.29	U	0.29	1.8
gamma-Chlordane		0.57	U	0.57	1.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	110	25 - 159
Tetrachloro-m-xylene	79	24 - 154

Method:	8081A	Analysis Batch: 220-22014	Instrument ID:	HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	D8321027.D
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	11/13/2008 2120		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	25 - 159
Tetrachloro-m-xylene	78	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(1-3)

Lab Sample ID: 220-7163-7

Date Sampled: 11/07/2008 1445

Client Matrix: Solid

% Moisture: 11.5

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-22014	Instrument ID:	HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	D8321028.D
Dilution:	1.0		Initial Weight/Volume:	30.08 g
Date Analyzed:	11/13/2008 2146		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		15		0.67	3.7
4,4'-DDE		0.76	U	0.76	3.7
4,4'-DDT		9.3		0.91	3.7
Aldrin		0.20	U	0.20	1.9
alpha-BHC		0.28	U	0.28	1.9
beta-BHC		0.61	J	0.42	1.9
delta-BHC		0.41	U	0.41	1.9
Dieldrin		0.64	U	0.64	3.7
Endosulfan I		0.33	U	0.33	1.9
Endosulfan II		2.9	J	0.70	3.7
Endosulfan sulfate		0.67	U	0.67	3.7
Endrin		5.1		0.70	3.7
Endrin aldehyde		14		0.46	3.7
Endrin ketone		0.68	U	0.68	3.7
gamma-BHC (Lindane)		0.32	U	0.32	1.9
Heptachlor		0.36	U	0.36	1.9
Heptachlor epoxide		0.34	U	0.34	1.9
Methoxychlor		14	J	4.1	19
Toxaphene		13	U	13	94
alpha-Chlordane		0.31	U	0.31	1.9
gamma-Chlordane		2.0		0.60	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	70	25 - 159
Tetrachloro-m-xylene	74	24 - 154

Method:	8081A	Analysis Batch: 220-22014	Instrument ID:	HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C8321028.D
Dilution:	1.0		Initial Weight/Volume:	30.08 g
Date Analyzed:	11/13/2008 2146		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	187	25 - 159
Tetrachloro-m-xylene	75	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(27-29)

Lab Sample ID: 220-7163-8

Date Sampled: 11/07/2008 1500

Client Matrix: Solid

% Moisture: 15.8

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-22114	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C7667023.D
Dilution:	1.0		Initial Weight/Volume:	30.06 g
Date Analyzed:	11/14/2008 2030		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.70	U	0.70	3.9
4,4'-DDE		0.79	U	0.79	3.9
4,4'-DDT		0.96	U	0.96	3.9
Aldrin		0.21	U	0.21	2.0
alpha-BHC		0.29	U	0.29	2.0
beta-BHC		0.44	U	0.44	2.0
delta-BHC		0.43	U	0.43	2.0
Dieldrin		0.68	U	0.68	3.9
Endosulfan I		0.35	U	0.35	2.0
Endosulfan II		0.74	U	0.74	3.9
Endosulfan sulfate		0.70	U	0.70	3.9
Endrin		0.73	U	0.73	3.9
Endrin aldehyde		0.48	U	0.48	3.9
Endrin ketone		0.72	U	0.72	3.9
gamma-BHC (Lindane)		0.34	U	0.34	2.0
Heptachlor		0.38	U	0.38	2.0
Heptachlor epoxide		0.36	U	0.36	2.0
Methoxychlor		4.3	U	4.3	20
Toxaphene		13	U	13	98
alpha-Chlordane		0.33	U	0.33	2.0
gamma-Chlordane		0.63	U	0.63	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	25 - 159
Tetrachloro-m-xylene	67	24 - 154

Method:	8081A	Analysis Batch: 220-22114	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C7667023.D
Dilution:	1.0		Initial Weight/Volume:	30.06 g
Date Analyzed:	11/14/2008 2030		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	25 - 159
Tetrachloro-m-xylene	64	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9
Client Matrix: Water

Date Sampled: 11/07/2008 0920
Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21967	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	C7665023.D
Dilution:	1.0		Initial Weight/Volume:	910 mL
Date Analyzed:	11/12/2008 1852		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Endrin aldehyde	0.010	U	0.010	0.11

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9

Date Sampled: 11/07/2008 0920

Client Matrix: Water

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A	Analysis Batch: 220-21967	Instrument ID: HP 5890 with dual ECD
Preparation: 3510C	Prep Batch: 220-21905	Lab File ID: C7665023.D
Dilution: 1.0		Initial Weight/Volume: 910 mL
Date Analyzed: 11/12/2008 1852		Final Weight/Volume: 10 mL
Date Prepared: 11/11/2008 2113		Injection Volume: 1.0 uL
		Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	63	29 - 156
DCB Decachlorobiphenyl	67	29 - 156
Tetrachloro-m-xylene	103	53 - 144
Tetrachloro-m-xylene	107	53 - 144

Method: 8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation: 3510C	Prep Batch: 220-21905	Lab File ID: C8322028.D
Dilution: 1.0		Initial Weight/Volume: 910 mL
Date Analyzed: 11/14/2008 2352		Final Weight/Volume: 10 mL
Date Prepared: 11/11/2008 2113		Injection Volume: 1.0 uL
		Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.010	U	0.010	0.11
4,4'-DDT	0.015	U	0.015	0.11
Aldrin	0.0090	U	0.0090	0.055
alpha-BHC	0.0087	U	0.0087	0.055
beta-BHC	0.0082	U	0.0082	0.055
delta-BHC	0.0063	U	0.0063	0.055
Dieldrin	0.011	U	0.011	0.11
Endosulfan I	0.0051	U	0.0051	0.055
Endosulfan II	0.011	U	0.011	0.11
Endosulfan sulfate	0.015	U	0.015	0.11
Endrin	0.015	U	0.015	0.11
Endrin ketone	0.012	U	0.012	0.11
gamma-BHC (Lindane)	0.0058	U	0.0058	0.055
Heptachlor	0.0082	U	0.0082	0.055
Heptachlor epoxide	0.0064	U	0.0064	0.055
Methoxychlor	0.10	U	0.10	0.55
Toxaphene	0.24	U	0.24	2.7
alpha-Chlordane	0.0053	U	0.0053	0.055
gamma-Chlordane	0.0053	U	0.0053	0.055

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	29 - 156
Tetrachloro-m-xylene	122	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9

Date Sampled: 11/07/2008 0920

Client Matrix: Water

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22040

Instrument ID: HP 6890 dual ECD

Preparation: 3510C

Prep Batch: 220-21905

Lab File ID: C8322028.D

Dilution: 1.0

Initial Weight/Volume: 910 mL

Date Analyzed: 11/14/2008 2352

Final Weight/Volume: 10 mL

Date Prepared: 11/11/2008 2113

Injection Volume: 1.0 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	29 - 156
Tetrachloro-m-xylene	120	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10
Client Matrix: Water

Date Sampled: 11/07/2008 1230
Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21967	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	C7665024.D
Dilution:	1.0		Initial Weight/Volume:	920 mL
Date Analyzed:	11/12/2008 1913		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Endrin aldehyde	0.0099	U	0.0099	0.11

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10

Date Sampled: 11/07/2008 1230

Client Matrix: Water

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21967	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	C7665024.D
Dilution:	1.0		Initial Weight/Volume:	920 mL
Date Analyzed:	11/12/2008 1913		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	31	29 - 156
DCB Decachlorobiphenyl	38	29 - 156
Tetrachloro-m-xylene	91	53 - 144
Tetrachloro-m-xylene	186	53 - 144

Method:	8081A	Analysis Batch: 220-22040	Instrument ID:	HP 6890 dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	C8322029.D
Dilution:	1.0		Initial Weight/Volume:	920 mL
Date Analyzed:	11/15/2008 0018		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.010	U	0.010	0.11
4,4'-DDT	0.015	U	0.015	0.11
Aldrin	0.0089	U	0.0089	0.054
alpha-BHC	0.0086	U	0.0086	0.054
beta-BHC	0.0082	U	0.0082	0.054
delta-BHC	0.0062	U	0.0062	0.054
Dieldrin	0.011	U	0.011	0.11
Endosulfan I	0.0050	U	0.0050	0.054
Endosulfan II	0.011	U	0.011	0.11
Endosulfan sulfate	0.015	U	0.015	0.11
Endrin	0.015	U	0.015	0.11
Endrin ketone	0.011	U	0.011	0.11
gamma-BHC (Lindane)	0.0058	U	0.0058	0.054
Heptachlor	0.0082	U	0.0082	0.054
Heptachlor epoxide	0.0063	U	0.0063	0.054
Methoxychlor	0.099	U	0.099	0.54
Toxaphene	0.23	U	0.23	2.7
alpha-Chlordane	0.0052	U	0.0052	0.054
gamma-Chlordane	0.0072	J	0.0052	0.054

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	47	29 - 156
Tetrachloro-m-xylene	91	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10
Client Matrix: Water

Date Sampled: 11/07/2008 1230
Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 11/15/2008 0018
Date Prepared: 11/11/2008 2113

Analysis Batch: 220-22040
Prep Batch: 220-21905

Instrument ID: HP 6890 dual ECD
Lab File ID: C8322029.D
Initial Weight/Volume: 920 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	46	29 - 156
Tetrachloro-m-xylene	94	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: DFB

Lab Sample ID: 220-7163-11FB

Date Sampled: 11/07/2008 1315

Client Matrix: Water

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21967	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	C7665025.D
Dilution:	1.0		Initial Weight/Volume:	940 mL
Date Analyzed:	11/12/2008 1935		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.010	U	0.010	0.11
4,4'-DDT	0.015	U	0.015	0.11
Aldrin	0.0087	U	0.0087	0.053
alpha-BHC	0.0084	U	0.0084	0.053
beta-BHC	0.0080	U	0.0080	0.053
delta-BHC	0.0061	U	0.0061	0.053
Dieldrin	0.010	U	0.010	0.11
Endosulfan I	0.0049	U	0.0049	0.053
Endosulfan II	0.010	U	0.010	0.11
Endosulfan sulfate	0.014	U	0.014	0.11
Endrin	0.015	U	0.015	0.11
Endrin aldehyde	0.0097	U	0.0097	0.11
Endrin ketone	0.011	U	0.011	0.11
gamma-BHC (Lindane)	0.0056	U	0.0056	0.053
Heptachlor	0.0080	U	0.0080	0.053
Heptachlor epoxide	0.0062	U	0.0062	0.053
Methoxychlor	0.097	U	0.097	0.53
Toxaphene	0.23	U	0.23	2.7
alpha-Chlordane	0.0051	U	0.0051	0.053
gamma-Chlordane	0.0065	J	0.0051	0.053

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	49	29 - 156
Tetrachloro-m-xylene	80	53 - 144

Method:	8081A	Analysis Batch: 220-21967	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	C7665025.D
Dilution:	1.0		Initial Weight/Volume:	940 mL
Date Analyzed:	11/12/2008 1935		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	42	29 - 156
Tetrachloro-m-xylene	74	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: **SB-13**

Lab Sample ID: 220-7163-13

Date Sampled: 11/07/2008 1535

Client Matrix: Water

Date Received: 11/07/2008 1930

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21967	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	C7665026.D
Dilution:	1.0		Initial Weight/Volume:	890 mL
Date Analyzed:	11/12/2008 1956		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.011	U	0.011	0.11
4,4'-DDT	0.016	U	0.016	0.11
Aldrin	0.0092	U	0.0092	0.056
alpha-BHC	0.0089	U	0.0089	0.056
beta-BHC	0.0084	U	0.0084	0.056
delta-BHC	0.0064	U	0.0064	0.056
Dieldrin	0.011	U	0.011	0.11
Endosulfan I	0.0052	U	0.0052	0.056
Endosulfan II	0.011	U	0.011	0.11
Endosulfan sulfate	0.015	U	0.015	0.11
Endrin	0.016	U	0.016	0.11
Endrin aldehyde	0.010	U	0.010	0.11
Endrin ketone	0.012	U	0.012	0.11
gamma-BHC (Lindane)	0.0060	U	0.0060	0.056
Heptachlor	0.0084	U	0.0084	0.056
Heptachlor epoxide	0.0065	U	0.0065	0.056
Methoxychlor	0.10	U	0.10	0.56
Toxaphene	0.24	U	0.24	2.8
alpha-Chlordane	0.0054	U	0.0054	0.056
gamma-Chlordane	0.0054	U	0.0054	0.056

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	33	29 - 156
Tetrachloro-m-xylene	92	53 - 144

Method:	8081A	Analysis Batch: 220-21967	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	D7665026.D
Dilution:	1.0		Initial Weight/Volume:	890 mL
Date Analyzed:	11/12/2008 1956		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	30	29 - 156
Tetrachloro-m-xylene	91	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7(1-3)

Lab Sample ID: 220-7163-1

Date Sampled: 11/07/2008 1120

Client Matrix: Solid

% Moisture: 6.1

Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C4729167.d
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	11/13/2008 1559		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		4.9	U	4.9	18
PCB-1221		1.2	U	1.2	35
PCB-1232		4.9	U	4.9	18
PCB-1242		4.9	U	4.9	18
PCB-1248		4.9	U	4.9	18
PCB-1254		1.6	U	1.6	18
PCB-1260		6.1	J	3.7	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	129	24 - 154
DCB Decachlorobiphenyl	111	25 - 159

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	D4729167.d
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	11/13/2008 1559		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	130	24 - 154
DCB Decachlorobiphenyl	110	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-7(6-7)

Lab Sample ID: 220-7163-2
Client Matrix: Solid

% Moisture: 20.1

Date Sampled: 11/07/2008 1140
Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	D4729168.d
Dilution:	1.0		Initial Weight/Volume:	30.09 g
Date Analyzed:	11/13/2008 1617		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.8	U	5.8	21
PCB-1221		1.4	U	1.4	41
PCB-1232		5.8	U	5.8	21
PCB-1242		5.8	U	5.8	21
PCB-1248		5.8	U	5.8	21
PCB-1254		1.9	U	1.9	21
PCB-1260		4.3	U	4.3	21
Surrogate		%Rec		Acceptance Limits	
Tetrachloro-m-xylene		166	*	24 - 154	
DCB Decachlorobiphenyl		155		25 - 159	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(4-6)

Lab Sample ID: 220-7163-3

Date Sampled: 11/07/2008 1030

Client Matrix: Solid

% Moisture: 13.7

Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C4729169.d
Dilution:	1.0		Initial Weight/Volume:	30.05 g
Date Analyzed:	11/13/2008 1636		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.3	U	5.3	20
PCB-1221		1.3	U	1.3	38
PCB-1232		5.3	U	5.3	20
PCB-1242		5.3	U	5.3	20
PCB-1248		5.3	U	5.3	20
PCB-1254		32		1.8	20
PCB-1260		16	J	4.0	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	130	24 - 154
DCB Decachlorobiphenyl	224	25 - 159

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	D4729169.d
Dilution:	1.0		Initial Weight/Volume:	30.05 g
Date Analyzed:	11/13/2008 1636		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	131	24 - 154
DCB Decachlorobiphenyl	199	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-3(10-12)

Lab Sample ID: 220-7163-4

Date Sampled: 11/07/2008 1100

Client Matrix: Solid

% Moisture: 24.0

Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 220-21965

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-21876

Lab File ID: D4729170.d

Dilution: 1.0

Initial Weight/Volume: 30.02 g

Date Analyzed: 11/13/2008 1654

Final Weight/Volume: 10.0 mL

Date Prepared: 11/11/2008 1404

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		6.1	U	6.1	22
PCB-1221		1.4	U	1.4	43
PCB-1232		6.1	U	6.1	22
PCB-1242		6.1	U	6.1	22
PCB-1248		6.1	U	6.1	22
PCB-1254		2.0	U	2.0	22
PCB-1260		4.5	U	4.5	22

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	126	24 - 154
DCB Decachlorobiphenyl	1100	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-12(1-3)

Lab Sample ID: 220-7163-5
Client Matrix: Solid

% Moisture: 10.5

Date Sampled: 11/07/2008 1400
Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-22144	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-22044	Lab File ID:	C4732023.d
Dilution:	1.0		Initial Weight/Volume:	30.82 g
Date Analyzed:	11/19/2008 0147		Final Weight/Volume:	10 mL
Date Prepared:	11/17/2008 1217		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.0	U	5.0	18
PCB-1221		1.2	U	1.2	36
PCB-1232		5.0	U	5.0	18
PCB-1242		5.0	U	5.0	18
PCB-1248		5.0	U	5.0	18
PCB-1254		1.7	U	1.7	18
PCB-1260		27		3.8	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	99	24 - 154
DCB Decachlorobiphenyl	98	25 - 159

Method:	8082	Analysis Batch: 220-22144	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-22044	Lab File ID:	D4732023.d
Dilution:	1.0		Initial Weight/Volume:	30.82 g
Date Analyzed:	11/19/2008 0147		Final Weight/Volume:	10 mL
Date Prepared:	11/17/2008 1217		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	149	24 - 154
DCB Decachlorobiphenyl	227	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-12(16-18)

Lab Sample ID: 220-7163-6

Date Sampled: 11/07/2008 1410

Client Matrix: Solid

% Moisture: 6.8

Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 220-21965

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-21876

Lab File ID: D4729172.d

Dilution: 1.0

Initial Weight/Volume: 30.03 g

Date Analyzed: 11/13/2008 1730

Final Weight/Volume: 10.0 mL

Date Prepared: 11/11/2008 1404

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		4.9	U	4.9	18
PCB-1221		1.2	U	1.2	35
PCB-1232		4.9	U	4.9	18
PCB-1242		4.9	U	4.9	18
PCB-1248		4.9	U	4.9	18
PCB-1254		1.6	U	1.6	18
PCB-1260		3.7	U	3.7	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	153	24 - 154
DCB Decachlorobiphenyl	128	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(1-3)

Lab Sample ID: 220-7163-7

Date Sampled: 11/07/2008 1445

Client Matrix: Solid

% Moisture: 11.5

Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	C4729173.d
Dilution:	1.0		Initial Weight/Volume:	30.08 g
Date Analyzed:	11/13/2008 1749		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.2	U	5.2	19
PCB-1221		1.2	U	1.2	37
PCB-1232		5.2	U	5.2	19
PCB-1242		5.2	U	5.2	19
PCB-1248		5.2	U	5.2	19
PCB-1254		1.7	U	1.7	19
PCB-1260		7.7	J	3.9	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	119	24 - 154
DCB Decachlorobiphenyl	330	25 - 159

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21876	Lab File ID:	D4729173.d
Dilution:	1.0		Initial Weight/Volume:	30.08 g
Date Analyzed:	11/13/2008 1749		Final Weight/Volume:	10.0 mL
Date Prepared:	11/11/2008 1404		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	227	24 - 154
DCB Decachlorobiphenyl	292	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-13(27-29)

Lab Sample ID: 220-7163-8

Date Sampled: 11/07/2008 1500

Client Matrix: Solid

% Moisture: 15.8

Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 220-21965

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-21876

Lab File ID: D4729174.d

Dilution: 1.0

Initial Weight/Volume: 30.06 g

Date Analyzed: 11/13/2008 1807

Final Weight/Volume: 10.0 mL

Date Prepared: 11/11/2008 1404

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.5	U	5.5	20
PCB-1221		1.3	U	1.3	39
PCB-1232		5.5	U	5.5	20
PCB-1242		5.5	U	5.5	20
PCB-1248		5.5	U	5.5	20
PCB-1254		1.8	U	1.8	20
PCB-1260		4.1	U	4.1	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	93	24 - 154
DCB Decachlorobiphenyl	115	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9

Date Sampled: 11/07/2008 0920

Client Matrix: Water

Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	D4729155.d
Dilution:	1.0		Initial Weight/Volume:	910 mL
Date Analyzed:	11/13/2008 1220		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.082	U	0.082	0.55
PCB-1221	0.35	U	0.35	1.1
PCB-1232	0.082	U	0.082	0.55
PCB-1242	0.082	U	0.082	0.55
PCB-1248	0.082	U	0.082	0.55
PCB-1254	0.049	U	0.049	0.55
PCB-1260	0.052	U	0.052	0.55

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	132	53 - 144
DCB Decachlorobiphenyl	71	29 - 156

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10

Date Sampled: 11/07/2008 1230

Client Matrix: Water

Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 220-22039 Instrument ID: HP 5890 with dual ECD
Preparation: 3510C Prep Batch: 220-21905 Lab File ID: D4729181.d
Dilution: 1.0 Initial Weight/Volume: 920 mL
Date Analyzed: 11/14/2008 1101 Final Weight/Volume: 10 mL
Date Prepared: 11/11/2008 2113 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.082	U	0.082	0.54
PCB-1221	0.35	U	0.35	1.1
PCB-1232	0.082	U	0.082	0.54
PCB-1242	0.082	U	0.082	0.54
PCB-1248	0.082	U	0.082	0.54
PCB-1254	0.049	U	0.049	0.54
PCB-1260	0.051	U	0.051	0.54

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	84	53 - 144
DCB Decachlorobiphenyl	32	29 - 156

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-13

Lab Sample ID: 220-7163-13
Client Matrix: Water

Date Sampled: 11/07/2008 1535
Date Received: 11/07/2008 1930

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21965	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21905	Lab File ID:	D4729161.d
Dilution:	1.0		Initial Weight/Volume:	890 mL
Date Analyzed:	11/13/2008 1410		Final Weight/Volume:	10 mL
Date Prepared:	11/11/2008 2113		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.084	U	0.084	0.56
PCB-1221	0.36	U	0.36	1.1
PCB-1232	0.084	U	0.084	0.56
PCB-1242	0.084	U	0.084	0.56
PCB-1248	0.084	U	0.084	0.56
PCB-1254	0.051	U	0.051	0.56
PCB-1260	0.053	U	0.053	0.56
Surrogate	%Rec		Acceptance Limits	
Tetrachloro-m-xylene	114		53 - 144	
DCB Decachlorobiphenyl	35		29 - 156	

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-7(1-3)

Lab Sample ID: 220-7163-1
Client Matrix: Solid

% Moisture: 6.1

Date Sampled: 11/07/2008 1120
Date Received: 11/07/2008 1930

6010B Metals (ICP)

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 11/12/2008 1533
Date Prepared: 11/11/2008 1319

Analysis Batch: 220-21938
Prep Batch: 220-21872

Instrument ID: TJA Trace ICAP
Lab File ID: W111208
Initial Weight/Volume: 1.11 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.34	U	0.34	3.6
Aluminum		3350		75.6	120
Arsenic		1.1	J	0.74	6.0
Barium		22.8		0.26	2.4
Beryllium		0.26	U	0.26	2.4
Calcium		2160		13.2	240
Cadmium		0.62	U	0.62	6.0
Cobalt		3.6		0.24	2.4
Chromium		10.7		0.34	3.6
Copper		13.1		0.72	6.0
Iron		6920		8.4	72.0
Potassium		1060		20.4	240
Magnesium		3140		12.0	42.0
Manganese		136		0.24	7.2
Sodium		477		13.2	240
Nickel		24.9		0.62	6.0
Lead		154		0.50	6.0
Antimony		1.4	U	1.4	12.0
Selenium		1.1	U	1.1	12.0
Thallium		3.7	U	3.7	8.4
Vanadium		14.0		0.22	4.8
Zinc		35.9		1.8	24.0

7471A Mercury (CVAA)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 11/17/2008 1121
Date Prepared: 11/14/2008 1214

Analysis Batch: 220-22041
Prep Batch: 220-22005

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.62 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.016	J	0.015	0.052

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-13(1-3)

Lab Sample ID: 220-7163-7
Client Matrix: Solid

% Moisture: 11.5

Date Sampled: 11/07/2008 1445
Date Received: 11/07/2008 1930

6010B Metals (ICP)

Method: 6010B Analysis Batch: 220-21938 Instrument ID: TJA Trace ICAP
Preparation: 3050B Prep Batch: 220-21872 Lab File ID: W111208
Dilution: 1.0 Initial Weight/Volume: 1.34 g
Date Analyzed: 11/12/2008 1646 Final Weight/Volume: 250 mL
Date Prepared: 11/11/2008 1319

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.30	U	0.30	3.2
Aluminum		5590		66.4	105
Arsenic		10.2		0.65	5.3
Barium		95.6		0.23	2.1
Beryllium		0.39	J	0.23	2.1
Calcium		59100		11.6	211
Cadmium		1.8	J	0.55	5.3
Cobalt		5.4		0.21	2.1
Chromium		12.6		0.30	3.2
Copper		79.7		0.63	5.3
Iron		25000		7.4	63.3
Potassium		768		17.9	211
Magnesium		3900		10.5	36.9
Manganese		242		0.21	6.3
Sodium		980		11.6	211
Nickel		13.2		0.55	5.3
Lead		446		0.44	5.3
Antimony		1.3	U	1.3	10.5
Selenium		0.95	U	0.95	10.5
Thallium		3.3	U	3.3	7.4
Vanadium		23.2		0.19	4.2
Zinc		695		1.6	21.1

7471A Mercury (CVAA)

Method: 7471A Analysis Batch: 220-22041 Instrument ID: Perkin Elmer FIMS
Preparation: 7471A Prep Batch: 220-22005 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 0.65 g
Date Analyzed: 11/17/2008 1101 Final Weight/Volume: 50 mL
Date Prepared: 11/14/2008 1214

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.27		0.015	0.052

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9
Client Matrix: Water

Date Sampled: 11/07/2008 0920
Date Received: 11/07/2008 1930

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 220-21899	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21839	Lab File ID:	W111108
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/11/2008 1720		Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	1.3	U	1.3	10
Aluminum	1400		47	500
Arsenic	4.4	U	4.4	20
Barium	310		1.2	10
Beryllium	1.1	U	1.1	10
Calcium	48500		62	500
Cadmium	2.8	U	2.8	10
Cobalt	3.6	J	1.4	10
Chromium	5.9	J	1.0	10
Copper	20		1.4	10
Iron	2200		62	250
Magnesium	8300		49	500
Manganese	6800		2.3	15
Nickel	12		1.4	10
Lead	3.0	U	3.0	10
Antimony	8.8	U	8.8	40
Selenium	5.1	J	3.2	30
Thallium	8.0	U	8.0	30
Vanadium	11		1.2	10
Zinc	14	J	7.0	50

Method:	6010B	Analysis Batch: 220-21938	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21839	Lab File ID:	W111208
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	11/12/2008 1113		Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	14900		810	5000
Sodium	417000		500	5000

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: W-4

Lab Sample ID: 220-7163-9

Date Sampled: 11/07/2008 0920

Client Matrix: Water

Date Received: 11/07/2008 1930

6010B Metals (ICP)-Dissolved

Method:	6010B	Analysis Batch: 220-21899	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21839	Lab File ID:	W111108
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/11/2008 1726		Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	1.3	U	1.3	10
Aluminum	47	U	47	500
Arsenic	4.4	U	4.4	20
Barium	45		1.2	10
Beryllium	1.1	U	1.1	10
Calcium	46500		62	500
Cadmium	2.8	U	2.8	10
Cobalt	1.4	U	1.4	10
Chromium	4.5	J	1.0	10
Copper	1.4	U	1.4	10
Iron	62	U	62	250
Magnesium	7600		49	500
Manganese	2.3	U	2.3	15
Nickel	1.4	U	1.4	10
Lead	3.0	U	3.0	10
Antimony	8.8	U	8.8	40
Selenium	4.9	J	3.2	30
Thallium	8.0	U	8.0	30
Vanadium	2.2	J	1.2	10
Zinc	7.0	U	7.0	50

Method:	6010B	Analysis Batch: 220-21938	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21839	Lab File ID:	W111208
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	11/12/2008 1119		Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	14300		810	5000
Sodium	411000		500	5000

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10

Date Sampled: 11/07/2008 1230

Client Matrix: Water

Date Received: 11/07/2008 1930

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 11/13/2008 1449
Date Prepared: 11/12/2008 1146

Analysis Batch: 220-22015
Prep Batch: 220-21912

Instrument ID: TJA Trace ICAP
Lab File ID: W111308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	1.3	U	1.3	10
Aluminum	8200		47	500
Arsenic	47		4.4	20
Barium	120		1.2	10
Beryllium	1.1	U	1.1	10
Calcium	168000		62	500
Cadmium	2.8	U	2.8	10
Cobalt	7.1	J	1.4	10
Chromium	24		1.0	10
Copper	79		1.4	10
Iron	25200		62	250
Magnesium	55000		49	500
Manganese	810		2.3	15
Nickel	20		1.4	10
Lead	300		3.0	10
Antimony	8.8	U	8.8	40
Selenium	3.2	U	3.2	30
Thallium	8.0	U	8.0	30
Vanadium	34		1.2	10
Zinc	110		7.0	50

Method: 6010B
Preparation: 3010A
Dilution: 5.0
Date Analyzed: 11/13/2008 1743
Date Prepared: 11/12/2008 1146

Analysis Batch: 220-22015
Prep Batch: 220-21912

Instrument ID: TJA Trace ICAP
Lab File ID: W111308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	33100		400	2500
Sodium	243000		250	2500

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Client Sample ID: SB-7

Lab Sample ID: 220-7163-10

Date Sampled: 11/07/2008 1230

Client Matrix: Water

Date Received: 11/07/2008 1930

6010B Metals (ICP)-Dissolved

Method:	6010B	Analysis Batch: 220-22015	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21912	Lab File ID:	W111308
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/13/2008 1455		Final Weight/Volume:	50 mL
Date Prepared:	11/12/2008 1146			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	1.3	U	1.3	10
Aluminum	47	U	47	500
Arsenic	16	J	4.4	20
Barium	52		1.2	10
Beryllium	1.1	U	1.1	10
Calcium	152000		62	500
Cadmium	2.8	U	2.8	10
Cobalt	1.4	U	1.4	10
Chromium	1.0	U	1.0	10
Copper	1.4	U	1.4	10
Iron	2000		62	250
Magnesium	50200		49	500
Manganese	530		2.3	15
Nickel	1.4	U	1.4	10
Lead	3.0	U	3.0	10
Antimony	8.8	U	8.8	40
Selenium	3.2	U	3.2	30
Thallium	8.0	U	8.0	30
Vanadium	3.2	J	1.2	10
Zinc	7.0	U	7.0	50

Method:	6010B	Analysis Batch: 220-22015	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21912	Lab File ID:	W111308
Dilution:	5.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/13/2008 1749		Final Weight/Volume:	50 mL
Date Prepared:	11/12/2008 1146			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	30100		400	2500
Sodium	233000		250	2500

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: DFB

Lab Sample ID: 220-7163-11FB
Client Matrix: Water

Date Sampled: 11/07/2008 1315
Date Received: 11/07/2008 1930

6010B Metals (ICP)

Method: 6010B Analysis Batch: 220-22015 Instrument ID: TJA Trace ICAP
Preparation: 3010A Prep Batch: 220-21912 Lab File ID: W111308
Dilution: 1.0 Initial Weight/Volume: 50 mL
Date Analyzed: 11/13/2008 1506 Final Weight/Volume: 50 mL
Date Prepared: 11/12/2008 1146

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	1.3	U	1.3	10
Aluminum	47	U	47	500
Arsenic	4.4	U	4.4	20
Barium	1.2	U	1.2	10
Beryllium	1.1	U	1.1	10
Calcium	62	U	62	500
Cadmium	2.8	U	2.8	10
Cobalt	1.4	U	1.4	10
Chromium	1.0	U	1.0	10
Copper	1.4	U	1.4	10
Iron	62	U	62	250
Potassium	81	U	81	500
Magnesium	49	U	49	500
Manganese	2.3	U	2.3	15
Sodium	50	U	50	500
Nickel	1.4	U	1.4	10
Lead	3.0	U	3.0	10
Antimony	8.8	U	8.8	40
Selenium	3.2	U	3.2	30
Thallium	8.0	U	8.0	30
Vanadium	1.2	U	1.2	10
Zinc	7.0	U	7.0	50

7470A Mercury (CVAA)

Method: 7470A Analysis Batch: 220-21973 Instrument ID: Perkin Elmer FIMS
Preparation: 7470A Prep Batch: 220-21961 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 25 mL
Date Analyzed: 11/13/2008 1409 Final Weight/Volume: 50 mL
Date Prepared: 11/13/2008 1149

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-13

Lab Sample ID: 220-7163-13
Client Matrix: Water

Date Sampled: 11/07/2008 1535
Date Received: 11/07/2008 1930

6010B Metals (ICP)-Dissolved

Method:	6010B	Analysis Batch: 220-22015	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21912	Lab File ID:	W111308
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/13/2008 1517		Final Weight/Volume:	50 mL
Date Prepared:	11/12/2008 1146			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	1.3	U	1.3	10
Aluminum	47	U	47	500
Arsenic	4.4	U	4.4	20
Barium	82		1.2	10
Beryllium	1.1	U	1.1	10
Calcium	131000		62	500
Cadmium	2.8	U	2.8	10
Cobalt	14		1.4	10
Chromium	1.0	U	1.0	10
Copper	1.4	U	1.4	10
Iron	1800		62	250
Magnesium	38500		49	500
Manganese	630		2.3	15
Nickel	19		1.4	10
Lead	3.0	U	3.0	10
Antimony	8.8	U	8.8	40
Selenium	5.8	J	3.2	30
Thallium	8.0	U	8.0	30
Vanadium	1.2	U	1.2	10
Zinc	250		7.0	50

Method:	6010B	Analysis Batch: 220-22015	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21912	Lab File ID:	W111308
Dilution:	5.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/13/2008 1801		Final Weight/Volume:	50 mL
Date Prepared:	11/12/2008 1146			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	9000		400	2500
Sodium	211000		250	2500

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

Client Sample ID: SB-13

Lab Sample ID: 220-7163-13
Client Matrix: Water

Date Sampled: 11/07/2008 1535
Date Received: 11/07/2008 1930

7470A Mercury (CVAA)

Method: 7470A Analysis Batch: 220-21973 Instrument ID: Perkin Elmer FIMS
Preparation: 7470A Prep Batch: 220-21961 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 25 mL
Date Analyzed: 11/13/2008 1410 Final Weight/Volume: 50 mL
Date Prepared: 11/13/2008 1149

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

7470A Mercury (CVAA)-Dissolved

Method: 7470A Analysis Batch: 220-21973 Instrument ID: Perkin Elmer FIMS
Preparation: 7470A Prep Batch: 220-21961 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 25 mL
Date Analyzed: 11/13/2008 1411 Final Weight/Volume: 50 mL
Date Prepared: 11/13/2008 1149

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

General Chemistry

Client Sample ID: SB-7(1-3)

Lab Sample ID: 220-7163-1
Client Matrix: Solid

Date Sampled: 11/07/2008 1120
Date Received: 11/07/2008 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.15		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21857	Date Analyzed		11/10/2008 1649			
Percent Solids	93.9		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21857	Date Analyzed		11/10/2008 1649			

Client Sample ID: SB-7(6-7)

Lab Sample ID: 220-7163-2
Client Matrix: Solid

Date Sampled: 11/07/2008 1140
Date Received: 11/07/2008 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.1		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21857	Date Analyzed		11/10/2008 1649			
Percent Solids	79.9		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21857	Date Analyzed		11/10/2008 1649			

Client Sample ID: SB-3(4-6)

Lab Sample ID: 220-7163-3
Client Matrix: Solid

Date Sampled: 11/07/2008 1030
Date Received: 11/07/2008 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.7		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21857	Date Analyzed		11/10/2008 1649			
Percent Solids	86.3		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21857	Date Analyzed		11/10/2008 1649			

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

General Chemistry

Client Sample ID: SB-3(10-12)

Lab Sample ID: 220-7163-4
Client Matrix: Solid

Date Sampled: 11/07/2008 1100
Date Received: 11/07/2008 1930

Table with 8 columns: Analyte, Result, Qual, Units, RL, RL, Dil, Method. Rows include Percent Moisture (24.0) and Percent Solids (76.0) with associated batch and date analyzed information.

Client Sample ID: SB-12(1-3)

Lab Sample ID: 220-7163-5
Client Matrix: Solid

Date Sampled: 11/07/2008 1400
Date Received: 11/07/2008 1930

Table with 8 columns: Analyte, Result, Qual, Units, RL, RL, Dil, Method. Rows include Percent Moisture (10.5) and Percent Solids (89.5) with associated batch and date analyzed information.

Client Sample ID: SB-12(16-18)

Lab Sample ID: 220-7163-6
Client Matrix: Solid

Date Sampled: 11/07/2008 1410
Date Received: 11/07/2008 1930

Table with 8 columns: Analyte, Result, Qual, Units, RL, RL, Dil, Method. Rows include Percent Moisture (6.80) and Percent Solids (93.2) with associated batch and date analyzed information.

Client Sample ID: SB-13(1-3)

Lab Sample ID: 220-7163-7
Client Matrix: Solid

Date Sampled: 11/07/2008 1445
Date Received: 11/07/2008 1930

Table with 8 columns: Analyte, Result, Qual, Units, RL, RL, Dil, Method. Rows include Percent Moisture (11.5) and Percent Solids (88.5) with associated batch and date analyzed information.

Analytical Data

Client: AKRF Inc

Job Number: 220-7163-1
Sdg Number: 220-7163

General Chemistry

Client Sample ID: SB-13(27-29)

Lab Sample ID: 220-7163-8
Client Matrix: Solid

Date Sampled: 11/07/2008 1500
Date Received: 11/07/2008 1930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21857	Date Analyzed		11/10/2008 1649			
Percent Solids	84.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21857	Date Analyzed		11/10/2008 1649			

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 220-7163-1

Sdg Number: 220-7163

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
GC Semi VOA		
	U	Analyzed for but not detected.
	E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
	J	Indicates an estimated value.
	*	Surrogate exceeds the control limit
Metals		
	*	Duplicate analysis not within control limits.
	U	Indicates analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Sample result is greater than the MDL but below the CRDL
	N	Spiked sample recovery is not within control limits.

71603

TAL-0015 (1007)

Client: **AKRF, Inc.** Project Manager: **Bryan Zieroff** Date: **11/7/08** Chain of Custody Number: **012170**
 Address: **34 South Broadway** Telephone Number (Area Code)/Fax Number/e-mail address: **(914) 972-2382** Field Telephone Number: **(917) 613 6022** Page **2** of **2**
 City: **White Plains** State: **NY** Zip Code: **10601** Site Contact: **Lab Contact**

Project Name and Location (State): **Former Domino Sugar, Kort Ave, Backlyn, NY** Sample Disposal: Disposal By Lab Return To Client Archive For: _____ Months
 Contract/Purchase Order/Project No.: **11132** (A fee may be assessed if samples are retained longer than 1 month)

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix					Containers & Preservatives					Analysis (Attach list if more space is needed)	Comments	
			Aqueous	Solid	Other	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other			
⑨ W-4	11/7/08	0920	X			X	X	X							Groundwater
⑩ SB-7	11/7/08	1230	X			X	X	X							Dissolved Metals
⑪ DFB Field Blank	11/7/08	1315	X			X	X	X							were Filtered
⑫ Trip Blanks	11/7/08		X			X	X	X							In the Field
⑬ SB-13	11/7/08	1535	X			X	X	X							

Turn Around Time Required (business days) Report / EDD Requirements
 24 Hours 48 Hours 5 Days 10 Days 15 Days Other _____
 1. Relinquished By: **Richard J Noel** Date: **11/7/08** Time: **1616**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Received By: **Richard J Noel** Date: **11/7/08** Time: **1930**
 Cooler Temps: _____ Passed Rad. Screen (Lab Use Only) Yes No

State Regulatory QC Requirements: **Caters by A deliverables**
 1. Received By: **Richard J Noel** Date: **11/7/08** Time: **1610**
 2. Received By: _____ Date: _____ Time: _____
 Comments: **well w-4 is existing groundwater monitoring well not installed by AKRF.**

DFB = Domino Field Blank.
 DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

TESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number:
Client:
Client Project:

Lab Number	Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Chlorine Residual	Initials	Date
71103-09	HNO3	6.2	W/A	W/A	W/A	W/A	LB	11/8/08
09		6.2						
10		6.2						
10		6.2						
11		6.2						
13		6.2						
13		6.2						
09x4	W/A	W/A				0		
10x4						0		
11x4						0		
13x4						0		
71103-09								

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-7163-1

SDG Number: 220-7163

Login Number: 7163

List Source: TestAmerica Connecticut

Creator: Blocker, Kristina

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 220-7142-1

SDG Number: 220-7142

Job Description: Former Domino Sugar Site

For:

AKRF Inc

34 South Broadway, Suite 314

White Plains, NY 10601

Attention: Mr. Bryan Zieroff



Approved for release.
Joan Widomski
11/20/2008 3:49 PM

Designee for
Erin A Gaus
Project Manager I
erin.gaus@testamericainc.com
11/20/2008

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.

TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484

Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com



Job Narrative
220-J7142-1

Comments

No additional comments.

Receipt

The following sample(s) was received with insufficient preservation: SB-10 both plastic 500 nitric preserved bottles. The pH was adjusted prior to preparation. The pH of both bottles was unable to be brought down to less than 2.

All other samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: Internal standard (ISTD) response for the following sample was outside control limits: SB-9 (220-7142-1). The sample was re-analyzed with concurring results and there is evidence of matrix interference. The original set of data has been reported.

Method(s) 8270C: Surrogate recovery for the following sample(s) was outside control limits: SB-9 (220-7142-1). There was not enough volume to perform re-extraction. Evidence of matrix interference is present.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/11/08 did not meet control limits. The internal breakdown standard also did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/14/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: Surrogate recovery for the following sample(s) was outside control limits: SB-9 (220-7142-1). Re-extraction and/or re-analysis was performed with concurring results. One set of data has been reported.

Method(s) 8082: Surrogate recovery for the following sample was outside control limits: SB-9 (220-7142-1). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The following samples were diluted due to the nature of the sample matrix: SB-9 (220-7142-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Organic Prep

Method(s) 3510C: Due to the matrix, the following sample(7142-1,BNA) could not be concentrated to the final method required volume: 1ml. The reporting limit was elevated proportionately to 3ml.

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Metals (ICP)	TAL CT	SW846 6010B	
Sample Filtration, Field	TAL CT		FIELD_FLTRD
Preparation, Total Metals	TAL CT		SW846 3010A
Mercury (CVAA)	TAL CT	SW846 7470A	
Sample Filtration, Field	TAL CT		FIELD_FLTRD
Preparation, Mercury	TAL CT		SW846 7470A

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Method	Analyst	Analyst ID
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
SW846 8081A	Cooper, Susan	SC
SW846 8082	Smith, Karli	KS
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Ruokonen, Donna	DR

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-7142-1	SB-9	Water	11/05/2008 1350	11/06/2008 2000
220-7142-2	SB-10	Water	11/06/2008 1340	11/06/2008 2000
220-7142-3TB	TRIP BLANK	Water	11/06/2008 0000	11/06/2008 2000

SAMPLE RESULTS

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-9

Lab Sample ID: 220-7142-1

Date Sampled: 11/05/2008 1350

Client Matrix: Water

Date Received: 11/06/2008 2000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21974	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9600.D
Dilution:	40		Initial Weight/Volume: 5 mL
Date Analyzed:	11/13/2008 1411		Final Weight/Volume: 5 mL
Date Prepared:	11/13/2008 1411		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1300		41	400
Benzene	30	U	30	200
Bromodichloromethane	19	U	19	200
Bromoform	18	U	18	200
Bromomethane	85	U	85	200
Methyl Ethyl Ketone	2400		44	400
Carbon disulfide	36	U	36	200
Carbon tetrachloride	43	U	43	200
Chlorobenzene	29	U	29	200
Chloroethane	42	U	42	200
Chloroform	27	U	27	200
Chloromethane	44	U	44	200
Dibromochloromethane	22	U	22	200
1,1-Dichloroethane	41	U	41	200
1,2-Dichloroethane	29	U	29	200
1,1-Dichloroethene	33	U	33	200
1,2-Dichloropropane	28	U	28	200
cis-1,3-Dichloropropene	11	U	11	200
trans-1,3-Dichloropropene	23	U	23	200
Ethylbenzene	35	U	35	200
2-Hexanone	44	U	44	400
Methylene Chloride	31	U	31	200
methyl isobutyl ketone	15	U	15	400
Styrene	26	U	26	200
1,1,2,2-Tetrachloroethane	32	U	32	200
Tetrachloroethene	32	U	32	200
Toluene	29	U	29	200
1,1,1-Trichloroethane	28	U	28	200
1,1,2-Trichloroethane	26	U	26	200
Trichloroethene	25	U	25	200
Vinyl chloride	40	U	40	200
Xylenes, Total	91	U	91	200
cis-1,2-Dichloroethene	40	U	40	200
trans-1,2-Dichloroethene	30	U	30	200
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	119		53 - 125	
4-Bromofluorobenzene	97		73 - 127	
Dibromofluoromethane	113		54 - 137	
Toluene-d8 (Surr)	94		63 - 121	

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-10

Lab Sample ID: 220-7142-2

Date Sampled: 11/06/2008 1340

Client Matrix: Water

Date Received: 11/06/2008 2000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21974	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9597.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/13/2008 1252		Final Weight/Volume: 5 mL
Date Prepared:	11/13/2008 1252		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.0	U	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	115		53 - 125	
4-Bromofluorobenzene	87		73 - 127	
Dibromofluoromethane	107		54 - 137	
Toluene-d8 (Surr)	91		63 - 121	

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: TRIP BLANK

Lab Sample ID: 220-7142-3TB

Date Sampled: 11/06/2008 0000

Client Matrix: Water

Date Received: 11/06/2008 2000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21940	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9580.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/12/2008 1900		Final Weight/Volume: 5 mL
Date Prepared:	11/12/2008 1900		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.3	J	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	106		53 - 125	
4-Bromofluorobenzene	93		73 - 127	
Dibromofluoromethane	104		54 - 137	
Toluene-d8 (Surr)	94		63 - 121	

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-9

Lab Sample ID: 220-7142-1

Date Sampled: 11/05/2008 1350

Client Matrix: Water

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 220-21921 Instrument ID: HP 6890/5975
Preparation: 3510C Prep Batch: 220-21777 Lab File ID: A2516.D
Dilution: 1.0 Initial Weight/Volume: 950 mL
Date Analyzed: 11/11/2008 1634 Final Weight/Volume: 3 mL
Date Prepared: 11/07/2008 0949 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	1.2	U	1.2	13
Acenaphthylene	1.5	U	1.5	13
Anthracene	1.3	U	1.3	13
Benzo[a]anthracene	1.2	U	1.2	13
Benzo[a]pyrene	1.2	U	1.2	13
Benzo[b]fluoranthene	1.2	U	1.2	13
Benzo[g,h,i]perylene	0.92	U	0.92	13
Benzo[k]fluoranthene	1.4	U	1.4	13
Bis(2-chloroethoxy)methane	3.6	U	3.6	13
Bis(2-chloroethyl)ether	3.3	U	3.3	13
Bis(2-ethylhexyl) phthalate	1.6	U	1.6	13
Butyl benzyl phthalate	1.5	U	1.5	13
Carbazole	1.1	U	1.1	13
Chrysene	1.3	U	1.3	13
Di-n-butyl phthalate	1.5	U	1.5	13
Di-n-octyl phthalate	1.4	U	1.4	13
4-Bromophenyl phenyl ether	1.5	U	1.5	13
4-Chloroaniline	2.1	U	2.1	13
2-Chloronaphthalene	1.5	U	1.5	13
4-Chlorophenyl phenyl ether	1.5	U	1.5	13
Dibenz(a,h)anthracene	1.0	U	1.0	13
Dibenzofuran	1.2	U	1.2	13
Diethyl phthalate	1.3	U	1.3	13
Dimethyl phthalate	1.0	U	1.0	13
1,2-Dichlorobenzene	1.5	U	1.5	13
1,3-Dichlorobenzene	1.4	U	1.4	13
1,4-Dichlorobenzene	1.6	U	1.6	13
3,3'-Dichlorobenzidine	2.1	U	2.1	13
2,4-Dinitrotoluene	0.95	U	0.95	13
2,6-Dinitrotoluene	1.3	U	1.3	13
Fluoranthene	1.3	U	1.3	13
Fluorene	1.5	U	1.5	13
Hexachlorobenzene	1.5	U	1.5	13
Hexachlorobutadiene	2.7	U	2.7	13
Hexachlorocyclopentadiene	2.4	U	2.4	13
Hexachloroethane	1.6	U	1.6	13
Indeno[1,2,3-cd]pyrene	1.3	U	1.3	13
Isophorone	1.2	U	1.2	13
2-Methylnaphthalene	1.5	U	1.5	13
Naphthalene	1.3	U	1.3	13
2-Nitroaniline	1.7	U	1.7	13
3-Nitroaniline	1.2	U	1.2	13
Nitrobenzene	2.3	U	2.3	13
N-Nitrosodi-n-propylamine	1.3	U	1.3	13

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-9

Lab Sample ID: 220-7142-1

Date Sampled: 11/05/2008 1350

Client Matrix: Water

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21921	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21777	Lab File ID: A2516.D
Dilution:	1.0		Initial Weight/Volume: 950 mL
Date Analyzed:	11/11/2008 1634		Final Weight/Volume: 3 mL
Date Prepared:	11/07/2008 0949		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	1.1	U	1.1	13
Phenanthrene	1.2	U	1.2	13
Pyrene	1.3	U	1.3	13
1,2,4-Trichlorobenzene	2.1	U	2.1	13
4-Chloro-3-methylphenol	4.2	U	4.2	16
2-Chlorophenol	1.9	U	1.9	13
2-Methylphenol	1.9	U	1.9	13
4-Methylphenol	1.2	U	1.2	13
2,4-Dichlorophenol	1.7	U	1.7	13
2,4-Dimethylphenol	1.6	U	1.6	13
2,4-Dinitrophenol	3.5	U	3.5	79
4,6-Dinitro-2-methylphenol	1.2	U	1.2	79
2-Nitrophenol	1.6	U	1.6	13
4-Nitrophenol	1.2	U	1.2	32
Pentachlorophenol	3.8	U	3.8	79
Phenol	0.92	U	0.92	13
2,4,5-Trichlorophenol	1.7	U	1.7	32
2,4,6-Trichlorophenol	1.5	U	1.5	13
Benzyl alcohol	1.2	U	1.2	13
4-Nitroaniline	0.88	U	0.88	13
2,2'-oxybis[1-chloropropane]	2.2	U	2.2	13

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	76	43 - 116
2-Fluorophenol	34	21 - 97
2,4,6-Tribromophenol	76	29 - 126
Nitrobenzene-d5	173	38 - 113
Phenol-d5	11	18 - 97
Terphenyl-d14	71	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-10

Lab Sample ID: 220-7142-2

Date Sampled: 11/06/2008 1340

Client Matrix: Water

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21993	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21777	Lab File ID: C8669.D
Dilution:	1.0		Initial Weight/Volume: 910 mL
Date Analyzed:	11/13/2008 1540		Final Weight/Volume: 1 mL
Date Prepared:	11/07/2008 0949		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.42	U	0.42	4.4
Acenaphthylene	0.52	U	0.52	4.4
Anthracene	0.46	U	0.46	4.4
Benzo[a]anthracene	0.41	U	0.41	4.4
Benzo[a]pyrene	0.41	U	0.41	4.4
Benzo[b]fluoranthene	0.42	U	0.42	4.4
Benzo[g,h,i]perylene	0.32	U	0.32	4.4
Benzo[k]fluoranthene	0.47	U	0.47	4.4
Bis(2-chloroethoxy)methane	1.2	U	1.2	4.4
Bis(2-chloroethyl)ether	1.1	U	1.1	4.4
Bis(2-ethylhexyl) phthalate	2.8	J	0.55	4.4
Butyl benzyl phthalate	0.53	U	0.53	4.4
Carbazole	0.38	U	0.38	4.4
Chrysene	0.44	U	0.44	4.4
Di-n-butyl phthalate	0.54	U	0.54	4.4
Di-n-octyl phthalate	0.49	U	0.49	4.4
4-Bromophenyl phenyl ether	0.54	U	0.54	4.4
4-Chloroaniline	0.74	U	0.74	4.4
2-Chloronaphthalene	0.54	U	0.54	4.4
4-Chlorophenyl phenyl ether	0.54	U	0.54	4.4
Dibenz(a,h)anthracene	0.35	U	0.35	4.4
Dibenzofuran	0.43	U	0.43	4.4
Diethyl phthalate	0.46	U	0.46	4.4
Dimethyl phthalate	0.36	U	0.36	4.4
1,2-Dichlorobenzene	0.53	U	0.53	4.4
1,3-Dichlorobenzene	0.47	U	0.47	4.4
1,4-Dichlorobenzene	0.56	U	0.56	4.4
3,3'-Dichlorobenzidine	0.73	U	0.73	4.4
2,4-Dinitrotoluene	0.33	U	0.33	4.4
2,6-Dinitrotoluene	0.46	U	0.46	4.4
Fluoranthene	0.46	U	0.46	4.4
Fluorene	0.53	U	0.53	4.4
Hexachlorobenzene	0.53	U	0.53	4.4
Hexachlorobutadiene	0.95	U	0.95	4.4
Hexachlorocyclopentadiene	0.82	U	0.82	4.4
Hexachloroethane	0.57	U	0.57	4.4
Indeno[1,2,3-cd]pyrene	0.45	U	0.45	4.4
Isophorone	0.42	U	0.42	4.4
2-Methylnaphthalene	0.52	U	0.52	4.4
Naphthalene	0.46	U	0.46	4.4
2-Nitroaniline	0.58	U	0.58	4.4
3-Nitroaniline	0.41	U	0.41	4.4
Nitrobenzene	0.80	U	0.80	4.4
N-Nitrosodi-n-propylamine	0.45	U	0.45	4.4

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-10

Lab Sample ID: 220-7142-2

Date Sampled: 11/06/2008 1340

Client Matrix: Water

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21993	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21777	Lab File ID:	C8669.D
Dilution:	1.0		Initial Weight/Volume:	910 mL
Date Analyzed:	11/13/2008 1540		Final Weight/Volume:	1 mL
Date Prepared:	11/07/2008 0949		Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	0.38	U	0.38	4.4
Phenanthrene	0.43	U	0.43	4.4
Pyrene	0.46	U	0.46	4.4
1,2,4-Trichlorobenzene	0.71	U	0.71	4.4
4-Chloro-3-methylphenol	1.5	U	1.5	5.5
2-Chlorophenol	0.67	U	0.67	4.4
2-Methylphenol	0.66	U	0.66	4.4
4-Methylphenol	0.43	U	0.43	4.4
2,4-Dichlorophenol	0.60	U	0.60	4.4
2,4-Dimethylphenol	0.55	U	0.55	4.4
2,4-Dinitrophenol	1.2	U	1.2	27
4,6-Dinitro-2-methylphenol	0.41	U	0.41	27
2-Nitrophenol	0.56	U	0.56	4.4
4-Nitrophenol	0.42	U	0.42	11
Pentachlorophenol	1.3	U	1.3	27
Phenol	0.32	U	0.32	4.4
2,4,5-Trichlorophenol	0.59	U	0.59	11
2,4,6-Trichlorophenol	0.54	U	0.54	4.4
Benzyl alcohol	0.43	U	0.43	4.4
4-Nitroaniline	0.31	U	0.31	4.4
2,2'-oxybis[1-chloropropane]	0.78	U	0.78	4.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	63	43 - 116
2-Fluorophenol	40	21 - 97
2,4,6-Tribromophenol	69	29 - 126
Nitrobenzene-d5	63	38 - 113
Phenol-d5	28	18 - 97
Terphenyl-d14	84	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-9

Lab Sample ID: 220-7142-1

Date Sampled: 11/05/2008 1350

Client Matrix: Water

Date Received: 11/06/2008 2000

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation:	3510C	Prep Batch: 220-21908	Lab File ID: C8322027.D
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/14/2008 2324		Final Weight/Volume: 10.0 mL
Date Prepared:	11/12/2008 0945		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.011	U	0.011	0.11
4,4'-DDT	0.016	U	0.016	0.11
Aldrin	0.017	J	0.0091	0.056
alpha-BHC	0.011	J	0.0088	0.056
beta-BHC	0.017	J	0.0083	0.056
delta-BHC	0.032	J	0.0063	0.056
Dieldrin	0.011	U	0.011	0.11
Endosulfan I	0.012	J	0.0051	0.056
Endosulfan II	0.011	U	0.011	0.11
Endosulfan sulfate	0.015	U	0.015	0.11
Endrin	0.016	U	0.016	0.11
Endrin aldehyde	0.010	U	0.010	0.11
Endrin ketone	0.012	U	0.012	0.11
gamma-BHC (Lindane)	0.0059	J	0.0059	0.056
Heptachlor	0.0083	U	0.0083	0.056
Heptachlor epoxide	0.0064	U	0.0064	0.056
Methoxychlor	0.10	U	0.10	0.56
Toxaphene	0.24	U	0.24	2.8
alpha-Chlordane	0.0053	U	0.0053	0.056
gamma-Chlordane	0.0053	J	0.0053	0.056

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	3	*	29 - 156
Tetrachloro-m-xylene	53		53 - 144

Method:	8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation:	3510C	Prep Batch: 220-21908	Lab File ID: C8322027.D
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/14/2008 2324		Final Weight/Volume: 10.0 mL
Date Prepared:	11/12/2008 0945		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	3	*	29 - 156
Tetrachloro-m-xylene	40	*	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-10

Lab Sample ID: 220-7142-2

Date Sampled: 11/06/2008 1340

Client Matrix: Water

Date Received: 11/06/2008 2000

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21885	Instrument ID: HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21779	Lab File ID: C7664037.D
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/11/2008 1500		Final Weight/Volume: 10 mL
Date Prepared:	11/07/2008 0950		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.011	U	0.011	0.11
4,4'-DDT	0.016	U	0.016	0.11
Aldrin	0.0091	U	0.0091	0.056
alpha-BHC	0.0088	U	0.0088	0.056
beta-BHC	0.0083	U	0.0083	0.056
delta-BHC	0.0063	U	0.0063	0.056
Dieldrin	0.011	U	0.011	0.11
Endosulfan I	0.0051	U	0.0051	0.056
Endosulfan II	0.011	U	0.011	0.11
Endosulfan sulfate	0.015	U	0.015	0.11
Endrin	0.016	U	0.016	0.11
Endrin aldehyde	0.010	U	0.010	0.11
Endrin ketone	0.012	U	0.012	0.11
gamma-BHC (Lindane)	0.0059	U	0.0059	0.056
Heptachlor	0.0083	U	0.0083	0.056
Heptachlor epoxide	0.0064	U	0.0064	0.056
Methoxychlor	0.10	U	0.10	0.56
Toxaphene	0.24	U	0.24	2.8
alpha-Chlordane	0.0053	U	0.0053	0.056
gamma-Chlordane	0.0053	U	0.0053	0.056

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	47	29 - 156
Tetrachloro-m-xylene	87	53 - 144

Method:	8081A	Analysis Batch: 220-21885	Instrument ID: HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21779	Lab File ID: C7664037.D
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/11/2008 1500		Final Weight/Volume: 10 mL
Date Prepared:	11/07/2008 0950		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	42	29 - 156
Tetrachloro-m-xylene	83	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-9

Lab Sample ID: 220-7142-1

Date Sampled: 11/05/2008 1350

Client Matrix: Water

Date Received: 11/06/2008 2000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21877	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21779	Lab File ID:	D4729088.d
Dilution:	1.0		Initial Weight/Volume:	930 mL
Date Analyzed:	11/11/2008 2057		Final Weight/Volume:	10 mL
Date Prepared:	11/07/2008 0950		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.081	U	0.081	0.54
PCB-1221	0.34	U	0.34	1.1
PCB-1232	0.081	U	0.081	0.54
PCB-1242	0.081	U	0.081	0.54
PCB-1248	0.081	U	0.081	0.54
PCB-1254	0.048	U	0.048	0.54
PCB-1260	0.051	U	0.051	0.54

Surrogate	%Rec		Acceptance Limits
Tetrachloro-m-xylene	55		53 - 144
DCB Decachlorobiphenyl	3	*	29 - 156

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-10

Lab Sample ID: 220-7142-2

Date Sampled: 11/06/2008 1340

Client Matrix: Water

Date Received: 11/06/2008 2000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21877	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21779	Lab File ID:	D4729089.d
Dilution:	1.0		Initial Weight/Volume:	900 mL
Date Analyzed:	11/11/2008 2115		Final Weight/Volume:	10 mL
Date Prepared:	11/07/2008 0950		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.083	U	0.083	0.56
PCB-1221	0.35	U	0.35	1.1
PCB-1232	0.083	U	0.083	0.56
PCB-1242	0.083	U	0.083	0.56
PCB-1248	0.083	U	0.083	0.56
PCB-1254	0.050	U	0.050	0.56
PCB-1260	0.052	U	0.052	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	105	53 - 144
DCB Decachlorobiphenyl	47	29 - 156

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1
Sdg Number: 220-7142

Client Sample ID: SB-9

Lab Sample ID: 220-7142-1
Client Matrix: Water

Date Sampled: 11/05/2008 1350
Date Received: 11/06/2008 2000

6010B Metals (ICP)

Method:	6010B	Analysis Batch:	220-21899	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch:	220-21839	Lab File ID:	W111108
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	11/11/2008 1622			Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	6.5	U	6.5	50
Aluminum	56600		240	2500
Arsenic	52	J	22	100
Barium	1900		6.0	50
Beryllium	7.5	J	5.5	50
Calcium	1780000		310	2500
Cadmium	24	J	14	50
Cobalt	7.0	U	7.0	50
Chromium	520		5.0	50
Copper	240		7.0	50
Iron	883000		310	1200
Magnesium	528000		240	2500
Manganese	20400		12	75
Nickel	31	J	7.0	50
Lead	500		15	50
Antimony	44	U	44	200
Selenium	31	J	16	150
Thallium	40	U	40	150
Vanadium	1100		6.0	50
Zinc	250		35	250

Method:	6010B	Analysis Batch:	220-21938	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch:	220-21839	Lab File ID:	W111208
Dilution:	25			Initial Weight/Volume:	50 mL
Date Analyzed:	11/12/2008 1050			Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	187000		2000	12500
Sodium	1430000		1200	12500

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1
Sdg Number: 220-7142

Client Sample ID: SB-9

Lab Sample ID: 220-7142-1
Client Matrix: Water

Date Sampled: 11/05/2008 1350
Date Received: 11/06/2008 2000

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 220-21973	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-21961	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	11/13/2008 1355		Final Weight/Volume:	50 mL
Date Prepared:	11/13/2008 1149			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.69		0.090	0.20

7470A Mercury (CVAA)-Dissolved

Method:	7470A	Analysis Batch: 220-21973	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-21961	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	11/13/2008 1359		Final Weight/Volume:	50 mL
Date Prepared:	11/13/2008 1149			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Client Sample ID: SB-10

Lab Sample ID: 220-7142-2

Date Sampled: 11/06/2008 1340

Client Matrix: Water

Date Received: 11/06/2008 2000

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 220-21899	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21839	Lab File ID:	W111108
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/11/2008 1634		Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	1.3	U	1.3	10
Aluminum	9200		47	500
Arsenic	5.7	J	4.4	20
Barium	360		1.2	10
Beryllium	1.1	U	1.1	10
Calcium	154000		62	500
Cadmium	2.8	U	2.8	10
Cobalt	8.1	J	1.4	10
Chromium	39		1.0	10
Copper	32		1.4	10
Iron	23600		62	250
Magnesium	29200		49	500
Manganese	2300		2.3	15
Nickel	21		1.4	10
Lead	18		3.0	10
Antimony	8.8	U	8.8	40
Selenium	3.2	U	3.2	30
Thallium	8.0	U	8.0	30
Vanadium	27		1.2	10
Zinc	39	J	7.0	50

Method:	6010B	Analysis Batch: 220-21938	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21839	Lab File ID:	W111208
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	11/12/2008 1102		Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	54500		810	5000
Sodium	451000		500	5000

Analytical Data

Client: AKRF Inc

Job Number: 220-7142-1
Sdg Number: 220-7142

Client Sample ID: SB-10

Lab Sample ID: 220-7142-2
Client Matrix: Water

Date Sampled: 11/06/2008 1340
Date Received: 11/06/2008 2000

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 220-21973	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-21961	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	11/13/2008 1400		Final Weight/Volume:	50 mL
Date Prepared:	11/13/2008 1149			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

7470A Mercury (CVAA)-Dissolved

Method:	7470A	Analysis Batch: 220-21973	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-21961	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	11/13/2008 1401		Final Weight/Volume:	50 mL
Date Prepared:	11/13/2008 1149			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 220-7142-1

Sdg Number: 220-7142

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	Surrogate exceeds the control limit
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	Surrogate exceeds the control limit
Metals		
	*	Duplicate analysis not within control limits.
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

Chain of
Custody Record

TAL-0015 (05/08)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client: **AKRF, Inc.** Project Manager: **Brian Zieroff** Chain of Custody Number: **015638**

Address: **34 South Broadway** Telephone Number (Area Code)/Fax Number/e-mail address: **(914)922 2382** Field Telephone Number: **11/6/08**

City: **White Plains NY 10601** Site Contact: **Steve Gross** Lab Contact: **Erin Gross** Date: **11/6/08**

Project Name and Location (State): **Former Domino Sugar, Kent Ave, Brooklyn, NY** Sample Disposal: Disposal By Lab Return To Client Archive For: _____ Months: _____ Analysis (Attach list if more space is needed)

Contract/Purchase Order/Project No.: **11132-08** Matrix: _____ Containers & Preservatives: _____

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix			Containers & Preservatives						Other								
			Aqueous	Solid	Other	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc		NaOH							
SB-9 (1)	11/5/08	1350	X			X	X	X												
SB-10 (2)	11/6/08	1340	X			X	X	X												
Trip Blank (3)			X						X											

Comments: **Groundwater**

Comments: **Dissolved Metals were filtered in the field.**

State Regulatory QC Requirements: **Category A deliverables**

Turn Around Time Required (business days) Report/EDD Requirements: 24 Hours 48 Hours 5 Days 10 Days 15 Days Other _____

1. Relinquished By: **AFJ** Date: **11/6/08** Time: **1430** 1. Received By: **Richard Y Jor** Date: **11/4/08** Time: **1930**

2. Relinquished By: _____ Date: _____ Time: _____ 2. Received By: **JR** Date: **11/6/08** Time: **22:00**

3. Received By: _____ Date: _____ Time: _____ Cooler Temps: **2.2°C** Passed Rad. Screen (Lab Use Only): Yes No

Comments

220-7142

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field

TESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number:
Client:
Client Project:

Lab Number	Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Chlorine Residual	Initials	Date
220-7142-1x4	none	NA	NA	NA	NA	0	JA	11/6/08
220-7142-2x4	none	NA	NA	NA	NA	NA	JA	11/6/08
220-7142-1	HNO3	6	added 3mLs	4	611103 1:1 00001 EXP 4/2/09	NA	WV	11/6/08
220-7142-2	HNO3	6	added 3mLs	4.5	611103 1:1 00001 EXP 4/2/09	NA	WV	11/6/08
220-7142-2	HNO3	2.2	NA	NA	NA	NA	JA	11/6/08
220-7142-2	HNO3	2.2	NA	NA	NA	NA	JA	11/6/08
11/6/08								

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-7142-1

SDG Number: 220-7142

Login Number: 7142

Creator: Dini, Tracy

List Number: 1

List Source: TestAmerica Connecticut

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 220-7141-1

SDG Number: 220-7141

Job Description: Former Domino Sugar Site

For:

AKRF Inc

34 South Broadway, Suite 314

White Plains, NY 10601

Attention: Mr. Bryan Zieroff



Approved for release.
Joan Widomski
11/19/2008 1:20 PM

Designee for
Erin A Gaus
Project Manager I
erin.gaus@testamericainc.com
11/19/2008

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.

TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484

Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com



Case Narrative for Job: 220-7141-1

Client: AKRF Inc
Date: November 19, 2008

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Lawrence Decker
Laboratory Director

November 19, 2008
Date

Job Narrative
220-J7141-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/14/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/12/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8082: Surrogate recovery for the following sample was outside the upper control limit: SB-10 (1'-3') (220-7141-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

The recovery of the Aroclor 1016 spike was also above QC limits in LCS 220-21771/2-A. This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Lab Sample ID	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
Analyte						
220-7141-1	SB-8 (1'-2')					
Acetone		49		22	ug/Kg	8260B
Methylene Chloride		3.4	J	22	ug/Kg	8260B
Benzo[a]anthracene		69	J	290	ug/Kg	8270C
Benzo[a]pyrene		210	J	290	ug/Kg	8270C
Benzo[b]fluoranthene		200	J	290	ug/Kg	8270C
Benzo[g,h,i]perylene		300		290	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		350		290	ug/Kg	8270C
Chrysene		63	J	290	ug/Kg	8270C
Fluoranthene		160	J	290	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		410		290	ug/Kg	8270C
Phenanthrene		160	J	290	ug/Kg	8270C
Pyrene		140	J	290	ug/Kg	8270C
4,4'-DDE		0.98	J	3.5	ug/Kg	8081A
Heptachlor		1.0	J	1.8	ug/Kg	8081A
Heptachlor epoxide		0.55	J	1.8	ug/Kg	8081A
Aluminum		7360		123	mg/Kg	6010B
Arsenic		1.6	J	6.1	mg/Kg	6010B
Barium		45.6		2.5	mg/Kg	6010B
Calcium		3640		246	mg/Kg	6010B
Cobalt		5.2		2.5	mg/Kg	6010B
Chromium		14.7		3.7	mg/Kg	6010B
Copper		22.0		6.1	mg/Kg	6010B
Iron		12500		73.7	mg/Kg	6010B
Potassium		1090		246	mg/Kg	6010B
Magnesium		3000		43.0	mg/Kg	6010B
Manganese		289		7.4	mg/Kg	6010B
Sodium		712		246	mg/Kg	6010B
Nickel		13.1		6.1	mg/Kg	6010B
Lead		29.1		6.1	mg/Kg	6010B
Vanadium		18.6		4.9	mg/Kg	6010B
Zinc		49.0		24.6	mg/Kg	6010B
Mercury		0.033	J	0.051	mg/Kg	7471A
Percent Moisture		7.44		0.100	%	PercentMoisture
Percent Solids		92.6		0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7141-2	SB-10 (1'-3')					
Methylene Chloride		1.7	J	22	ug/Kg	8260B
Benzo[a]anthracene		140	J	290	ug/Kg	8270C
Benzo[a]pyrene		260	J	290	ug/Kg	8270C
Benzo[b]fluoranthene		260	J	290	ug/Kg	8270C
Benzo[g,h,i]perylene		330		290	ug/Kg	8270C
Benzo[k]fluoranthene		54	J	290	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		340		290	ug/Kg	8270C
Chrysene		150	J	290	ug/Kg	8270C
Fluoranthene		240	J	290	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		450		290	ug/Kg	8270C
Phenanthrene		88	J	290	ug/Kg	8270C
Pyrene		220	J	290	ug/Kg	8270C
Aluminum		9610		128	mg/Kg	6010B
Barium		94.4		2.6	mg/Kg	6010B
Beryllium		0.35	J	2.6	mg/Kg	6010B
Calcium		31600		257	mg/Kg	6010B
Cobalt		6.0		2.6	mg/Kg	6010B
Chromium		13.6		3.9	mg/Kg	6010B
Copper		9.7		6.4	mg/Kg	6010B
Iron		13800		77.0	mg/Kg	6010B
Potassium		4500		257	mg/Kg	6010B
Magnesium		7540		44.9	mg/Kg	6010B
Manganese		292		7.7	mg/Kg	6010B
Sodium		1460		257	mg/Kg	6010B
Nickel		10.5		6.4	mg/Kg	6010B
Lead		11.7		6.4	mg/Kg	6010B
Vanadium		25.1		5.1	mg/Kg	6010B
Zinc		37.6		25.7	mg/Kg	6010B
Mercury		0.083		0.050	mg/Kg	7471A
Percent Moisture		9.83		0.100	%	PercentMoisture
Percent Solids		90.2		0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7141-3	SB-10 (5'-7')					
Methylene Chloride		2.0	J	23	ug/Kg	8260B
Benzo[a]anthracene		110	J	300	ug/Kg	8270C
Benzo[a]pyrene		250	J	300	ug/Kg	8270C
Benzo[b]fluoranthene		240	J	300	ug/Kg	8270C
Benzo[g,h,i]perylene		330		300	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		550		300	ug/Kg	8270C
Chrysene		99	J	300	ug/Kg	8270C
Fluoranthene		220	J	300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		450		300	ug/Kg	8270C
Phenanthrene		150	J	300	ug/Kg	8270C
Pyrene		220	J	300	ug/Kg	8270C
Aluminum		8340		127	mg/Kg	6010B
Arsenic		2.2	J	6.4	mg/Kg	6010B
Barium		63.2		2.5	mg/Kg	6010B
Beryllium		0.30	J	2.5	mg/Kg	6010B
Calcium		53000		255	mg/Kg	6010B
Cobalt		9.0		2.5	mg/Kg	6010B
Chromium		13.6		3.8	mg/Kg	6010B
Copper		22.4		6.4	mg/Kg	6010B
Iron		17400		76.5	mg/Kg	6010B
Potassium		2560		255	mg/Kg	6010B
Magnesium		7730		44.6	mg/Kg	6010B
Manganese		449		7.6	mg/Kg	6010B
Sodium		1180		255	mg/Kg	6010B
Nickel		16.2		6.4	mg/Kg	6010B
Lead		88.6		6.4	mg/Kg	6010B
Vanadium		19.6		5.1	mg/Kg	6010B
Zinc		56.5		25.5	mg/Kg	6010B
Mercury		0.052	J	0.055	mg/Kg	7471A
Percent Moisture		14.7		0.100	%	PercentMoisture
Percent Solids		85.3		0.100	%	PercentMoisture

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
Ultrasonic Extraction	TAL CT		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Ultrasonic Extraction	TAL CT		SW846 3550B
Metals (ICP)	TAL CT	SW846 6010B	
Preparation, Metals	TAL CT		SW846 3050B
Mercury (CVAA)	TAL CT	SW846 7471A	
Preparation, Mercury	TAL CT		SW846 7471A

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8270C	Jonas, Stephan	SJ
SW846 8081A	Cooper, Susan	SC
SW846 8082	Smith, Karli	KS
SW846 6010B	Petronchak, Nestor	NP
SW846 7471A	Ruokonen, Donna	DR
EPA PercentMoisture	Capece, Bill	BC

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-7141-1	SB-8 (1'-2')	Solid	11/06/2008 0920	11/06/2008 2000
220-7141-2	SB-10 (1'-3')	Solid	11/06/2008 1130	11/06/2008 2000
220-7141-3	SB-10 (5'-7')	Solid	11/06/2008 1330	11/06/2008 2000

SAMPLE RESULTS

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-8 (1'-2')

Lab Sample ID: 220-7141-1

Date Sampled: 11/06/2008 0920

Client Matrix: Solid

% Moisture: 7.4

Date Received: 11/06/2008 2000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7530.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1822		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1822		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		49		2.5	22
Benzene		0.77	U	0.77	5.4
Bromodichloromethane		0.70	U	0.70	5.4
Bromoform		1.9	U	1.9	5.4
Bromomethane		1.6	U	1.6	5.4
Methyl Ethyl Ketone		3.6	U	3.6	11
Carbon disulfide		0.57	U	0.57	5.4
Carbon tetrachloride		0.77	U	0.77	5.4
Chlorobenzene		0.95	U	0.95	5.4
Chloroethane		1.4	U	1.4	5.4
Chloroform		0.57	U	0.57	5.4
Chloromethane		1.1	U	1.1	5.4
Dibromochloromethane		1.2	U	1.2	5.4
1,1-Dichloroethane		0.70	U	0.70	5.4
1,2-Dichloroethane		1.2	U	1.2	5.4
1,1-Dichloroethene		0.85	U	0.85	5.4
1,2-Dichloropropane		1.0	U	1.0	5.4
cis-1,3-Dichloropropene		0.67	U	0.67	5.4
trans-1,3-Dichloropropene		1.2	U	1.2	5.4
Ethylbenzene		0.77	U	0.77	5.4
2-Hexanone		2.9	U	2.9	11
Methylene Chloride		3.4	J	1.5	22
methyl isobutyl ketone		1.0	U	1.0	5.4
Styrene		1.4	U	1.4	5.4
1,1,2,2-Tetrachloroethane		1.1	U	1.1	5.4
Tetrachloroethene		0.80	U	0.80	5.4
Toluene		0.64	U	0.64	5.4
1,1,1-Trichloroethane		0.79	U	0.79	5.4
1,1,2-Trichloroethane		0.94	U	0.94	5.4
Trichloroethene		1.1	U	1.1	5.4
Vinyl chloride		1.4	U	1.4	5.4
Xylenes, Total		2.6	U	2.6	5.4
cis-1,2-Dichloroethene		0.99	U	0.99	5.4
trans-1,2-Dichloroethene		1.0	U	1.0	5.4
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		89		49 - 134	
4-Bromofluorobenzene		103		36 - 133	
Dibromofluoromethane		80		60 - 130	
Toluene-d8 (Surr)		106		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (1'-3')

Lab Sample ID: 220-7141-2

Date Sampled: 11/06/2008 1130

Client Matrix: Solid

% Moisture: 9.8

Date Received: 11/06/2008 2000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7531.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1847		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1847		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.6	U	2.6	22
Benzene		0.79	U	0.79	5.5
Bromodichloromethane		0.72	U	0.72	5.5
Bromoform		1.9	U	1.9	5.5
Bromomethane		1.7	U	1.7	5.5
Methyl Ethyl Ketone		3.7	U	3.7	11
Carbon disulfide		0.59	U	0.59	5.5
Carbon tetrachloride		0.79	U	0.79	5.5
Chlorobenzene		0.98	U	0.98	5.5
Chloroethane		1.4	U	1.4	5.5
Chloroform		0.59	U	0.59	5.5
Chloromethane		1.1	U	1.1	5.5
Dibromochloromethane		1.2	U	1.2	5.5
1,1-Dichloroethane		0.72	U	0.72	5.5
1,2-Dichloroethane		1.2	U	1.2	5.5
1,1-Dichloroethene		0.88	U	0.88	5.5
1,2-Dichloropropane		1.1	U	1.1	5.5
cis-1,3-Dichloropropene		0.69	U	0.69	5.5
trans-1,3-Dichloropropene		1.2	U	1.2	5.5
Ethylbenzene		0.79	U	0.79	5.5
2-Hexanone		2.9	U	2.9	11
Methylene Chloride		1.7	J	1.6	22
methyl isobutyl ketone		1.0	U	1.0	5.5
Styrene		1.4	U	1.4	5.5
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.5
Tetrachloroethene		0.82	U	0.82	5.5
Toluene		0.65	U	0.65	5.5
1,1,1-Trichloroethane		0.81	U	0.81	5.5
1,1,2-Trichloroethane		0.96	U	0.96	5.5
Trichloroethene		1.1	U	1.1	5.5
Vinyl chloride		1.4	U	1.4	5.5
Xylenes, Total		2.7	U	2.7	5.5
cis-1,2-Dichloroethene		1.0	U	1.0	5.5
trans-1,2-Dichloroethene		1.1	U	1.1	5.5
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		88		49 - 134	
4-Bromofluorobenzene		112		36 - 133	
Dibromofluoromethane		78		60 - 130	
Toluene-d8 (Surr)		108		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (5'-7')

Lab Sample ID: 220-7141-3

Date Sampled: 11/06/2008 1330

Client Matrix: Solid

% Moisture: 14.7

Date Received: 11/06/2008 2000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7532.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1912		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1912		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.7	U	2.7	23
Benzene		0.83	U	0.83	5.9
Bromodichloromethane		0.76	U	0.76	5.9
Bromoform		2.0	U	2.0	5.9
Bromomethane		1.8	U	1.8	5.9
Methyl Ethyl Ketone		3.9	U	3.9	12
Carbon disulfide		0.62	U	0.62	5.9
Carbon tetrachloride		0.83	U	0.83	5.9
Chlorobenzene		1.0	U	1.0	5.9
Chloroethane		1.5	U	1.5	5.9
Chloroform		0.62	U	0.62	5.9
Chloromethane		1.2	U	1.2	5.9
Dibromochloromethane		1.3	U	1.3	5.9
1,1-Dichloroethane		0.76	U	0.76	5.9
1,2-Dichloroethane		1.3	U	1.3	5.9
1,1-Dichloroethene		0.93	U	0.93	5.9
1,2-Dichloropropane		1.1	U	1.1	5.9
cis-1,3-Dichloropropene		0.73	U	0.73	5.9
trans-1,3-Dichloropropene		1.3	U	1.3	5.9
Ethylbenzene		0.83	U	0.83	5.9
2-Hexanone		3.1	U	3.1	12
Methylene Chloride		2.0	J	1.6	23
methyl isobutyl ketone		1.1	U	1.1	5.9
Styrene		1.5	U	1.5	5.9
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.9
Tetrachloroethene		0.87	U	0.87	5.9
Toluene		0.69	U	0.69	5.9
1,1,1-Trichloroethane		0.86	U	0.86	5.9
1,1,2-Trichloroethane		1.0	U	1.0	5.9
Trichloroethene		1.2	U	1.2	5.9
Vinyl chloride		1.5	U	1.5	5.9
Xylenes, Total		2.9	U	2.9	5.9
cis-1,2-Dichloroethene		1.1	U	1.1	5.9
trans-1,2-Dichloroethene		1.1	U	1.1	5.9
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		84		49 - 134	
4-Bromofluorobenzene		98		36 - 133	
Dibromofluoromethane		71		60 - 130	
Toluene-d8 (Surr)		96		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-8 (1'-2')

Lab Sample ID: 220-7141-1

Date Sampled: 11/06/2008 0920

Client Matrix: Solid

% Moisture: 7.4

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21776	Lab File ID: C8632.D
Dilution:	1.0		Initial Weight/Volume: 15.35 g
Date Analyzed:	11/12/2008 0003		Final Weight/Volume: 1.0 mL
Date Prepared:	11/07/2008 0935		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		62	U	62	290
Acenaphthylene		65	U	65	290
Anthracene		63	U	63	290
Benzo[a]anthracene		69	J	53	290
Benzo[a]pyrene		210	J	40	290
Benzo[b]fluoranthene		200	J	51	290
Benzo[g,h,i]perylene		300		40	290
Benzo[k]fluoranthene		46	U	46	290
Bis(2-chloroethoxy)methane		59	U	59	290
Bis(2-chloroethyl)ether		80	U	80	290
Bis(2-ethylhexyl) phthalate		350		56	290
Butyl benzyl phthalate		58	U	58	290
Carbazole		57	U	57	290
Chrysene		63	J	60	290
Di-n-butyl phthalate		67	U	67	290
Di-n-octyl phthalate		50	U	50	290
4-Bromophenyl phenyl ether		52	U	52	290
4-Chloroaniline		46	U	46	290
2-Chloronaphthalene		61	U	61	290
4-Chlorophenyl phenyl ether		60	U	60	290
Dibenz(a,h)anthracene		36	U	36	290
Dibenzofuran		62	U	62	290
Diethyl phthalate		66	U	66	290
Dimethyl phthalate		60	U	60	290
1,2-Dichlorobenzene		57	U	57	290
1,3-Dichlorobenzene		47	U	47	290
1,4-Dichlorobenzene		61	U	61	290
3,3'-Dichlorobenzidine		59	U	59	710
2,4-Dinitrotoluene		54	U	54	290
2,6-Dinitrotoluene		47	U	47	290
Fluoranthene		160	J	63	290
Fluorene		65	U	65	290
Hexachlorobenzene		68	U	68	290
Hexachlorobutadiene		60	U	60	290
Hexachlorocyclopentadiene		88	U	88	390
Hexachloroethane		55	U	55	290
Indeno[1,2,3-cd]pyrene		410		39	290
Isophorone		65	U	65	290
2-Methylnaphthalene		65	U	65	290
Naphthalene		62	U	62	290
2-Nitroaniline		56	U	56	1800
3-Nitroaniline		54	U	54	1800
Nitrobenzene		69	U	69	290
N-Nitrosodi-n-propylamine		71	U	71	290

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-8 (1'-2')

Lab Sample ID: 220-7141-1

Date Sampled: 11/06/2008 0920

Client Matrix: Solid

% Moisture: 7.4

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21776	Lab File ID: C8632.D
Dilution:	1.0		Initial Weight/Volume: 15.35 g
Date Analyzed:	11/12/2008 0003		Final Weight/Volume: 1.0 mL
Date Prepared:	11/07/2008 0935		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		57	U	57	290
Phenanthrene		160	J	62	290
Pyrene		140	J	70	290
1,2,4-Trichlorobenzene		58	U	58	290
4-Chloro-3-methylphenol		51	U	51	290
2-Chlorophenol		64	U	64	290
2-Methylphenol		52	U	52	290
4-Methylphenol		68	U	68	290
2,4-Dichlorophenol		59	U	59	290
2,4-Dimethylphenol		46	U	46	290
2,4-Dinitrophenol		390	U *	390	1800
4,6-Dinitro-2-methylphenol		26	U	26	1800
2-Nitrophenol		50	U	50	290
4-Nitrophenol		64	U	64	1800
Pentachlorophenol		35	U	35	1800
Phenol		58	U	58	290
2,4,5-Trichlorophenol		52	U	52	1800
2,4,6-Trichlorophenol		58	U	58	290
Benzyl alcohol		49	U	49	290
4-Nitroaniline		54	U	54	290
2,2'-oxybis[1-chloropropane]		68	U	68	290

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	65	32 - 131
2-Fluorophenol	65	25 - 113
2,4,6-Tribromophenol	51	24 - 150
Nitrobenzene-d5	70	25 - 120
Phenol-d5	67	27 - 122
Terphenyl-d14	75	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (1'-3')

Lab Sample ID: 220-7141-2

Date Sampled: 11/06/2008 1130

Client Matrix: Solid

% Moisture: 9.8

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21776	Lab File ID: C8633.D
Dilution:	1.0		Initial Weight/Volume: 15.24 g
Date Analyzed:	11/12/2008 0032		Final Weight/Volume: 1.0 mL
Date Prepared:	11/07/2008 0935		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		64	U	64	290
Acenaphthylene		67	U	67	290
Anthracene		65	U	65	290
Benzo[a]anthracene		140	J	55	290
Benzo[a]pyrene		260	J	41	290
Benzo[b]fluoranthene		260	J	52	290
Benzo[g,h,i]perylene		330		42	290
Benzo[k]fluoranthene		54	J	47	290
Bis(2-chloroethoxy)methane		61	U	61	290
Bis(2-chloroethyl)ether		83	U	83	290
Bis(2-ethylhexyl) phthalate		340		58	290
Butyl benzyl phthalate		60	U	60	290
Carbazole		59	U	59	290
Chrysene		150	J	62	290
Di-n-butyl phthalate		69	U	69	290
Di-n-octyl phthalate		52	U	52	290
4-Bromophenyl phenyl ether		54	U	54	290
4-Chloroaniline		48	U	48	290
2-Chloronaphthalene		63	U	63	290
4-Chlorophenyl phenyl ether		62	U	62	290
Dibenz(a,h)anthracene		37	U	37	290
Dibenzofuran		64	U	64	290
Diethyl phthalate		68	U	68	290
Dimethyl phthalate		62	U	62	290
1,2-Dichlorobenzene		59	U	59	290
1,3-Dichlorobenzene		49	U	49	290
1,4-Dichlorobenzene		63	U	63	290
3,3'-Dichlorobenzidine		61	U	61	730
2,4-Dinitrotoluene		56	U	56	290
2,6-Dinitrotoluene		49	U	49	290
Fluoranthene		240	J	65	290
Fluorene		67	U	67	290
Hexachlorobenzene		70	U	70	290
Hexachlorobutadiene		63	U	63	290
Hexachlorocyclopentadiene		91	U	91	400
Hexachloroethane		57	U	57	290
Indeno[1,2,3-cd]pyrene		450		40	290
Isophorone		67	U	67	290
2-Methylnaphthalene		67	U	67	290
Naphthalene		64	U	64	290
2-Nitroaniline		58	U	58	1900
3-Nitroaniline		56	U	56	1900
Nitrobenzene		72	U	72	290
N-Nitrosodi-n-propylamine		73	U	73	290

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (1'-3')

Lab Sample ID: 220-7141-2

Date Sampled: 11/06/2008 1130

Client Matrix: Solid

% Moisture: 9.8

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21776	Lab File ID: C8633.D
Dilution:	1.0		Initial Weight/Volume: 15.24 g
Date Analyzed:	11/12/2008 0032		Final Weight/Volume: 1.0 mL
Date Prepared:	11/07/2008 0935		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		59	U	59	290
Phenanthrene		88	J	64	290
Pyrene		220	J	72	290
1,2,4-Trichlorobenzene		60	U	60	290
4-Chloro-3-methylphenol		53	U	53	290
2-Chlorophenol		66	U	66	290
2-Methylphenol		53	U	53	290
4-Methylphenol		70	U	70	290
2,4-Dichlorophenol		61	U	61	290
2,4-Dimethylphenol		48	U	48	290
2,4-Dinitrophenol		400	U *	400	1900
4,6-Dinitro-2-methylphenol		27	U	27	1900
2-Nitrophenol		51	U	51	290
4-Nitrophenol		66	U	66	1900
Pentachlorophenol		36	U	36	1900
Phenol		60	U	60	290
2,4,5-Trichlorophenol		54	U	54	1900
2,4,6-Trichlorophenol		59	U	59	290
Benzyl alcohol		51	U	51	290
4-Nitroaniline		55	U	55	290
2,2'-oxybis[1-chloropropane]		70	U	70	290

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	53	32 - 131
2-Fluorophenol	47	25 - 113
2,4,6-Tribromophenol	28	24 - 150
Nitrobenzene-d5	54	25 - 120
Phenol-d5	52	27 - 122
Terphenyl-d14	65	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (5'-7')

Lab Sample ID: 220-7141-3

Date Sampled: 11/06/2008 1330

Client Matrix: Solid

% Moisture: 14.7

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21776	Lab File ID: C8634.D
Dilution:	1.0		Initial Weight/Volume: 15.70 g
Date Analyzed:	11/12/2008 0100		Final Weight/Volume: 1.0 mL
Date Prepared:	11/07/2008 0935		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		65	U	65	300
Acenaphthylene		69	U	69	300
Anthracene		67	U	67	300
Benzo[a]anthracene		110	J	56	300
Benzo[a]pyrene		250	J	42	300
Benzo[b]fluoranthene		240	J	54	300
Benzo[g,h,i]perylene		330		43	300
Benzo[k]fluoranthene		48	U	48	300
Bis(2-chloroethoxy)methane		62	U	62	300
Bis(2-chloroethyl)ether		85	U	85	300
Bis(2-ethylhexyl) phthalate		550		60	300
Butyl benzyl phthalate		61	U	61	300
Carbazole		60	U	60	300
Chrysene		99	J	64	300
Di-n-butyl phthalate		71	U	71	300
Di-n-octyl phthalate		53	U	53	300
4-Bromophenyl phenyl ether		56	U	56	300
4-Chloroaniline		49	U	49	300
2-Chloronaphthalene		64	U	64	300
4-Chlorophenyl phenyl ether		64	U	64	300
Dibenz(a,h)anthracene		38	U	38	300
Dibenzofuran		66	U	66	300
Diethyl phthalate		70	U	70	300
Dimethyl phthalate		64	U	64	300
1,2-Dichlorobenzene		60	U	60	300
1,3-Dichlorobenzene		50	U	50	300
1,4-Dichlorobenzene		65	U	65	300
3,3'-Dichlorobenzidine		62	U	62	750
2,4-Dinitrotoluene		57	U	57	300
2,6-Dinitrotoluene		50	U	50	300
Fluoranthene		220	J	67	300
Fluorene		69	U	69	300
Hexachlorobenzene		72	U	72	300
Hexachlorobutadiene		64	U	64	300
Hexachlorocyclopentadiene		94	U	94	410
Hexachloroethane		59	U	59	300
Indeno[1,2,3-cd]pyrene		450		41	300
Isophorone		69	U	69	300
2-Methylnaphthalene		69	U	69	300
Naphthalene		66	U	66	300
2-Nitroaniline		59	U	59	1900
3-Nitroaniline		57	U	57	1900
Nitrobenzene		73	U	73	300
N-Nitrosodi-n-propylamine		75	U	75	300

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (5'-7')

Lab Sample ID: 220-7141-3

Date Sampled: 11/06/2008 1330

Client Matrix: Solid

% Moisture: 14.7

Date Received: 11/06/2008 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21914	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21776	Lab File ID: C8634.D
Dilution:	1.0		Initial Weight/Volume: 15.70 g
Date Analyzed:	11/12/2008 0100		Final Weight/Volume: 1.0 mL
Date Prepared:	11/07/2008 0935		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		61	U	61	300
Phenanthrene		150	J	66	300
Pyrene		220	J	74	300
1,2,4-Trichlorobenzene		61	U	61	300
4-Chloro-3-methylphenol		54	U	54	300
2-Chlorophenol		68	U	68	300
2-Methylphenol		55	U	55	300
4-Methylphenol		72	U	72	300
2,4-Dichlorophenol		63	U	63	300
2,4-Dimethylphenol		49	U	49	300
2,4-Dinitrophenol		410	U *	410	1900
4,6-Dinitro-2-methylphenol		27	U	27	1900
2-Nitrophenol		53	U	53	300
4-Nitrophenol		68	U	68	1900
Pentachlorophenol		37	U	37	1900
Phenol		62	U	62	300
2,4,5-Trichlorophenol		55	U	55	1900
2,4,6-Trichlorophenol		61	U	61	300
Benzyl alcohol		52	U	52	300
4-Nitroaniline		57	U	57	300
2,2'-oxybis[1-chloropropane]		72	U	72	300

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	59	32 - 131
2-Fluorophenol	39	25 - 113
2,4,6-Tribromophenol	19	24 - 150
Nitrobenzene-d5	72	25 - 120
Phenol-d5	56	27 - 122
Terphenyl-d14	71	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1
Sdg Number: 220-7141

Client Sample ID: SB-8 (1'-2')

Lab Sample ID: 220-7141-1
Client Matrix: Solid

% Moisture: 7.4

Date Sampled: 11/06/2008 0920
Date Received: 11/06/2008 2000

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21967	Instrument ID: HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21785	Lab File ID: C7665027.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/12/2008 2017		Final Weight/Volume: 10.0 mL
Date Prepared:	11/07/2008 1028		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		0.44	U	0.44	3.5

Method:	8081A	Analysis Batch: 220-21967	Instrument ID: HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21785	Lab File ID: C7665027.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/12/2008 2017		Final Weight/Volume: 10.0 mL
Date Prepared:	11/07/2008 1028		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	54	25 - 159
DCB Decachlorobiphenyl	65	25 - 159
Tetrachloro-m-xylene	58	24 - 154
Tetrachloro-m-xylene	151	24 - 154

Method:	8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21785	Lab File ID: C8322032.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/15/2008 0131		Final Weight/Volume: 10.0 mL
Date Prepared:	11/07/2008 1028		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.64	U	0.64	3.5
4,4'-DDE		0.98	J	0.72	3.5
4,4'-DDT		0.87	U	0.87	3.5
Aldrin		0.19	U	0.19	1.8
alpha-BHC		0.26	U	0.26	1.8
beta-BHC		0.40	U	0.40	1.8
delta-BHC		0.39	U	0.39	1.8
Dieldrin		0.61	U	0.61	3.5
Endosulfan I		0.31	U	0.31	1.8
Endosulfan II		0.67	U	0.67	3.5
Endosulfan sulfate		0.64	U	0.64	3.5
Endrin		0.66	U	0.66	3.5
Endrin ketone		0.65	U	0.65	3.5
gamma-BHC (Lindane)		0.31	U	0.31	1.8
Heptachlor		1.0	J	0.34	1.8
Heptachlor epoxide		0.55	J	0.32	1.8
Methoxychlor		3.9	U	3.9	18
Toxaphene		12	U	12	89
alpha-Chlordane		0.30	U	0.30	1.8

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (1'-3')

Lab Sample ID: 220-7141-2

Date Sampled: 11/06/2008 1130

Client Matrix: Solid

% Moisture: 9.8

Date Received: 11/06/2008 2000

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21967	Instrument ID: HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21785	Lab File ID: C7665028.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/12/2008 2039		Final Weight/Volume: 10.0 mL
Date Prepared:	11/07/2008 1028		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.65	U	0.65	3.6
4,4'-DDE		0.74	U	0.74	3.6
4,4'-DDT		0.89	U	0.89	3.6
Aldrin		0.20	U	0.20	1.9
alpha-BHC		0.27	U	0.27	1.9
beta-BHC		0.41	U	0.41	1.9
delta-BHC		0.40	U	0.40	1.9
Dieldrin		0.63	U	0.63	3.6
Endosulfan I		0.32	U	0.32	1.9
Endosulfan II		0.69	U	0.69	3.6
Endosulfan sulfate		0.65	U	0.65	3.6
Endrin		0.68	U	0.68	3.6
Endrin aldehyde		0.45	U	0.45	3.6
Endrin ketone		0.67	U	0.67	3.6
gamma-BHC (Lindane)		0.32	U	0.32	1.9
Heptachlor		0.35	U	0.35	1.9
Heptachlor epoxide		0.33	U	0.33	1.9
Methoxychlor		4.0	U	4.0	19
Toxaphene		12	U	12	91
alpha-Chlordane		0.30	U	0.30	1.9
gamma-Chlordane		0.58	U	0.58	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	25 - 159
Tetrachloro-m-xylene	64	24 - 154

Method:	8081A	Analysis Batch: 220-21967	Instrument ID: HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21785	Lab File ID: C7665028.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/12/2008 2039		Final Weight/Volume: 10.0 mL
Date Prepared:	11/07/2008 1028		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	61	25 - 159
Tetrachloro-m-xylene	61	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (5'-7')

Lab Sample ID: 220-7141-3

Date Sampled: 11/06/2008 1330

Client Matrix: Solid

% Moisture: 14.7

Date Received: 11/06/2008 2000

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-21967

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-21785

Lab File ID: C7665029.D

Dilution: 1.0

Initial Weight/Volume: 30.02 g

Date Analyzed: 11/12/2008 2100

Final Weight/Volume: 10.0 mL

Date Prepared: 11/07/2008 1028

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		0.48	U	0.48	3.9

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1
Sdg Number: 220-7141

Client Sample ID: SB-10 (5'-7')

Lab Sample ID: 220-7141-3
Client Matrix: Solid

% Moisture: 14.7

Date Sampled: 11/06/2008 1330
Date Received: 11/06/2008 2000

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/12/2008 2100
Date Prepared: 11/07/2008 1028

Analysis Batch: 220-21967
Prep Batch: 220-21785

Instrument ID: HP 5890 with dual ECD
Lab File ID: C7665029.D
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	25 - 159
DCB Decachlorobiphenyl	116	25 - 159
Tetrachloro-m-xylene	78	24 - 154
Tetrachloro-m-xylene	94	24 - 154

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/15/2008 0156
Date Prepared: 11/07/2008 1028

Analysis Batch: 220-22040
Prep Batch: 220-21785

Instrument ID: HP 6890 dual ECD
Lab File ID: C8322033.D
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.70	U	0.70	3.9
4,4'-DDE		0.78	U	0.78	3.9
4,4'-DDT		0.95	U	0.95	3.9
Aldrin		0.21	U	0.21	2.0
alpha-BHC		0.29	U	0.29	2.0
beta-BHC		0.44	U	0.44	2.0
delta-BHC		0.43	U	0.43	2.0
Dieldrin		0.67	U	0.67	3.9
Endosulfan I		0.34	U	0.34	2.0
Endosulfan II		0.73	U	0.73	3.9
Endosulfan sulfate		0.70	U	0.70	3.9
Endrin		0.72	U	0.72	3.9
Endrin ketone		0.71	U	0.71	3.9
gamma-BHC (Lindane)		0.34	U	0.34	2.0
Heptachlor		0.37	U	0.37	2.0
Heptachlor epoxide		0.35	U	0.35	2.0
Methoxychlor		4.3	U	4.3	20
Toxaphene		13	U	13	97
alpha-Chlordane		0.32	U	0.32	2.0
gamma-Chlordane		0.62	U	0.62	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	25 - 159
Tetrachloro-m-xylene	81	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (5'-7')

Lab Sample ID: 220-7141-3

Date Sampled: 11/06/2008 1330

Client Matrix: Solid

% Moisture: 14.7

Date Received: 11/06/2008 2000

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22040

Instrument ID: HP 6890 dual ECD

Preparation: 3550B

Prep Batch: 220-21785

Lab File ID: C8322033.D

Dilution: 1.0

Initial Weight/Volume: 30.02 g

Date Analyzed: 11/15/2008 0156

Final Weight/Volume: 10.0 mL

Date Prepared: 11/07/2008 1028

Injection Volume: 1.0 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	25 - 159
Tetrachloro-m-xylene	81	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1
Sdg Number: 220-7141

Client Sample ID: SB-8 (1'-2')

Lab Sample ID: 220-7141-1
Client Matrix: Solid

% Moisture: 7.4

Date Sampled: 11/06/2008 0920
Date Received: 11/06/2008 2000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21877	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21785	Lab File ID:	D4729083.d
Dilution:	1.0			Initial Weight/Volume:	30.19 g
Date Analyzed:	11/11/2008 1926			Final Weight/Volume:	10.0 mL
Date Prepared:	11/07/2008 1028			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.0	U *	5.0	18
PCB-1221		1.2	U	1.2	35
PCB-1232		5.0	U	5.0	18
PCB-1242		5.0	U	5.0	18
PCB-1248		5.0	U	5.0	18
PCB-1254		1.6	U	1.6	18
PCB-1260		3.7	U	3.7	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	155	24 - 154
DCB Decachlorobiphenyl	146	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (1'-3')

Lab Sample ID: 220-7141-2

Date Sampled: 11/06/2008 1130

Client Matrix: Solid

% Moisture: 9.8

Date Received: 11/06/2008 2000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21877	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21785	Lab File ID:	D4729084.d
Dilution:	1.0			Initial Weight/Volume:	30.19 g
Date Analyzed:	11/11/2008 1944			Final Weight/Volume:	10.0 mL
Date Prepared:	11/07/2008 1028			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.1	U *	5.1	19
PCB-1221		1.2	U	1.2	36
PCB-1232		5.1	U	5.1	19
PCB-1242		5.1	U	5.1	19
PCB-1248		5.1	U	5.1	19
PCB-1254		1.7	U	1.7	19
PCB-1260		3.8	U	3.8	19

Surrogate	%Rec		Acceptance Limits
Tetrachloro-m-xylene	186	*	24 - 154
DCB Decachlorobiphenyl	164	*	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1
Sdg Number: 220-7141

Client Sample ID: SB-8 (1'-2')

Lab Sample ID: 220-7141-1

Date Sampled: 11/06/2008 0920

Client Matrix: Solid

% Moisture: 7.4

Date Received: 11/06/2008 2000

6010B Metals (ICP)

Method: 6010B

Analysis Batch: 220-21938

Instrument ID:

TJA Trace ICAP

Preparation: 3050B

Prep Batch: 220-21822

Lab File ID:

W111208

Dilution: 1.0

Initial Weight/Volume: 1.10 g

Date Analyzed: 11/12/2008 1453

Final Weight/Volume: 250 mL

Date Prepared: 11/10/2008 1107

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.34	U	0.34	3.7
Aluminum		7360		77.3	123
Arsenic		1.6	J	0.76	6.1
Barium		45.6		0.27	2.5
Beryllium		0.27	U	0.27	2.5
Calcium		3640		13.5	246
Cadmium		0.64	U	0.64	6.1
Cobalt		5.2		0.25	2.5
Chromium		14.7		0.34	3.7
Copper		22.0		0.74	6.1
Iron		12500		8.6	73.7
Potassium		1090		20.9	246
Magnesium		3000		12.3	43.0
Manganese		289		0.25	7.4
Sodium		712		13.5	246
Nickel		13.1		0.64	6.1
Lead		29.1		0.52	6.1
Antimony		1.5	U	1.5	12.3
Selenium		1.1	U	1.1	12.3
Thallium		3.8	U	3.8	8.6
Vanadium		18.6		0.22	4.9
Zinc		49.0		1.8	24.6

7471A Mercury (CVAA)

Method: 7471A

Analysis Batch: 220-21981

Instrument ID:

Perkin Elmer FIMS

Preparation: 7471A

Prep Batch: 220-21962

Lab File ID:

N/A

Dilution: 1.0

Initial Weight/Volume: 0.63 g

Date Analyzed: 11/13/2008 1509

Final Weight/Volume: 50 mL

Date Prepared: 11/13/2008 1157

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.033	J	0.015	0.051

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Client Sample ID: SB-10 (1'-3')

Lab Sample ID: 220-7141-2

Date Sampled: 11/06/2008 1130

Client Matrix: Solid

% Moisture: 9.8

Date Received: 11/06/2008 2000

6010B Metals (ICP)

Method: 6010B

Analysis Batch: 220-21938

Instrument ID:

TJA Trace ICAP

Preparation: 3050B

Prep Batch: 220-21822

Lab File ID:

W111208

Dilution: 1.0

Initial Weight/Volume:

1.08 g

Date Analyzed: 11/12/2008 1459

Final Weight/Volume:

250 mL

Date Prepared: 11/10/2008 1107

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.36	U	0.36	3.9
Aluminum		9610		80.9	128
Arsenic		0.80	U	0.80	6.4
Barium		94.4		0.28	2.6
Beryllium		0.35	J	0.28	2.6
Calcium		31600		14.1	257
Cadmium		0.67	U	0.67	6.4
Cobalt		6.0		0.26	2.6
Chromium		13.6		0.36	3.9
Copper		9.7		0.77	6.4
Iron		13800		9.0	77.0
Potassium		4500		21.8	257
Magnesium		7540		12.8	44.9
Manganese		292		0.26	7.7
Sodium		1460		14.1	257
Nickel		10.5		0.67	6.4
Lead		11.7		0.54	6.4
Antimony		1.5	U	1.5	12.8
Selenium		1.2	U	1.2	12.8
Thallium		4.0	U	4.0	9.0
Vanadium		25.1		0.23	5.1
Zinc		37.6		1.9	25.7

7471A Mercury (CVAA)

Method: 7471A

Analysis Batch: 220-21981

Instrument ID:

Perkin Elmer FIMS

Preparation: 7471A

Prep Batch: 220-21962

Lab File ID:

N/A

Dilution: 1.0

Initial Weight/Volume:

0.67 g

Date Analyzed: 11/13/2008 1510

Final Weight/Volume:

50 mL

Date Prepared: 11/13/2008 1157

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.083		0.015	0.050

Analytical Data

Client: AKRF Inc

Job Number: 220-7141-1
Sdg Number: 220-7141

General Chemistry

Client Sample ID: SB-8 (1'-2')

Lab Sample ID: 220-7141-1
Client Matrix: Solid

Date Sampled: 11/06/2008 0920
Date Received: 11/06/2008 2000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.44		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21802	Date Analyzed		11/07/2008 1616			
Percent Solids	92.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21802	Date Analyzed		11/07/2008 1616			

Client Sample ID: SB-10 (1'-3')

Lab Sample ID: 220-7141-2
Client Matrix: Solid

Date Sampled: 11/06/2008 1130
Date Received: 11/06/2008 2000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.83		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21802	Date Analyzed		11/07/2008 1616			
Percent Solids	90.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21802	Date Analyzed		11/07/2008 1616			

Client Sample ID: SB-10 (5'-7')

Lab Sample ID: 220-7141-3
Client Matrix: Solid

Date Sampled: 11/06/2008 1330
Date Received: 11/06/2008 2000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.7		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21802	Date Analyzed		11/07/2008 1616			
Percent Solids	85.3		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21802	Date Analyzed		11/07/2008 1616			

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 220-7141-1

Sdg Number: 220-7141

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	Surrogate exceeds the control limit
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	Surrogate exceeds the control limit
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Connecticut
 128 Long Hill Cross Road
 Shelton, CT 06484
 Tel: 203-929-8140
 Fax: 203-929-8142

Chain of Custody Record

TAL-0015 (0508)

Client: **AKRF, Inc.** Project Manager: **Bryan Zieroff** Date: **11/6/08** Chain of Custody Number: **015635**

Address: **34 South Broadway** Telephone Number (Area Code)/Fax Number/e-mail address: **(914) 922 7327** Field Telephone Number: _____

City: **White Plains NY 10601** State: **NY** Zip Code: **10601** Lab Contact: **Steve Gross** Analysis (Attach list if more space is needed):
 VES (E260) X X X X X
 SOGS (E270) X X X X X
 PDS (E282) X X X X X
 TESTS (E281) X X X X X
 TAL Metals _____

Project Name and Location (State): **Former Domino Sugar Kent Ave Brooklyn, NY** Comments: **Soil**

Contract/Purchase Order/Project No.: **11132** Sample Disposal: Disposal By Lab Return To Client Archive For _____ Months

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix		Containers & Preservatives							Other		
			Aqueous	Solid	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other			
SB-8 (1'-2')	11/6/08	09:20		X		X								
SB-10 (1'-3')	11/6/08	11:30		X		X								
SB-10 (5'-7')	11/6/08	13:30		X		X								

220-7141

Turn Around Time Required (business days) Report / EDD Requirements
 24 Hours 48 Hours 5 Days 10 Days 15 Days Other _____

1. Relinquished By: *[Signature]* Date: **11/6/08** Time: **1430** State Regulatory QC Requirements: **Category A Deliverables**

2. Relinquished By: *[Signature]* Date: **11/6/08** Time: **20:00**

3. Received By: _____ Date: _____ Time: _____ Cooler Temps: **2.20c** Passed Flag - Screen (Lab Use Only): Yes No

Comments: _____

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

220-7141

PKRF / Farmer Dennis Sygar

TestAmerica - Connecticut
Internal Chain-of-Custody

Trip Blank: —

QC: —

Air: —

Rush

FB: —

Date Received: 11/6/08

Sample #s: 1-3

Soil: #1-3

Water: —

Locations: A1, R-2V

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
1-3	LB	RB	11/7/08	9:35	EXT	A	LB	11/4/08	11:20
1-2	LB	BC	11/6/08	1:00	MTE	JV	LB	11/4	17:00
1-1	LB	BC	11/6/08	9:50	MTE	BC	LB	11/08	13:60
1-3	LB	BC	11/11/08	13:00	VOD	BC	LB	11/11/08	20:30
1-2	LB	BC	11/13	9:20	MTE	JV	LB	11/13	15:35

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-7141-1

SDG Number: 220-7141

Login Number: 7141

Creator: Dini, Tracy

List Number: 1

List Source: TestAmerica Connecticut

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 220-7124-1

SDG Number: 220-7124

Job Description: Former Domino Sugar Site

For:

AKRF Inc

34 South Broadway, Suite 314

White Plains, NY 10601

Attention: Mr. Bryan Zieroff



Approved for release.
Joan Widomski
11/19/2008 3:11 PM

Designee for
Erin A Gaus
Project Manager I
erin.gaus@testamericainc.com
11/19/2008

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.

TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484

Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com



Case Narrative for Job: 220-7124-1

Client: AKRF Inc
Date: November 19, 2008

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Lawrence Decker
Laboratory Director

November 19, 2008
Date

Job Narrative
220-J7124-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: Internal standard (ISTD) response and surrogate recovery for the following sample was outside control limits: SB-6 (4-5) (220-7124-9). The sample was re-analyzed with concurring results. The original set of data has been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: Internal standard (ISTD) response for the following sample was outside control limits for Perylene-d12: SB-2 (2-4') (220-7124-3). The sample was re-analyzed with concurring results. The original set of data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 3510C, 8081A: The capping continuing calibration verification (CCV) analyzed on 11/11/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/14/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/14/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/14/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: Surrogate recovery for the following sample(s) was outside control limits: SB-5 (220-7124-11). Re-extraction and/or re-analysis was performed with concurring results. One set of data has been reported.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/13/08 did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/12/08 did not meet control limits.

Method(s) 3550B, 8081A: The capping continuing calibration verification (CCV) analyzed on 11/13/08 did not meet control limits

Method(s) 3510C, 8081A: The capping continuing calibration verification (CCV) analyzed on 11/11/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: The capping continuing calibration verification (CCV) analyzed on 11/11/08 did not meet control limits. The instrument breakdown standard also did not meet control limits.

Method(s) 8081A: Surrogate recovery for the following samples was outside control limits: SB-2 (220-7124-10), SB-6 (220-7124-13). Re-extraction and/or re-analysis was performed outside of holding time with acceptable results. Both sets of data have been reported.

Method(s) 8082: Surrogate recovery for the following sample was outside control limits: SB-5 (220-7124-11). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The following samples were diluted due to the nature of the sample matrix: SB-2 (220-7124-10), SB-5 (220-7124-11). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-1	SB-4 (0.5'-2.5')				
Acenaphthene		210 J	300	ug/Kg	8270C
Acenaphthylene		150 J	300	ug/Kg	8270C
Anthracene		340	300	ug/Kg	8270C
Benzo[a]anthracene		1100	300	ug/Kg	8270C
Benzo[a]pyrene		1000	300	ug/Kg	8270C
Benzo[b]fluoranthene		1300	300	ug/Kg	8270C
Benzo[g,h,i]perylene		1000	300	ug/Kg	8270C
Benzo[k]fluoranthene		450	300	ug/Kg	8270C
Carbazole		190 J	300	ug/Kg	8270C
Chrysene		1300	300	ug/Kg	8270C
Dibenz(a,h)anthracene		170 J	300	ug/Kg	8270C
Dibenzofuran		220 J	300	ug/Kg	8270C
Fluoranthene		2500	300	ug/Kg	8270C
Fluorene		170 J	300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1200	300	ug/Kg	8270C
2-Methylnaphthalene		88 J	300	ug/Kg	8270C
Naphthalene		150 J	300	ug/Kg	8270C
Phenanthrene		2600	300	ug/Kg	8270C
Pyrene		2500	300	ug/Kg	8270C
4,4'-DDD		0.94 J	3.7	ug/Kg	8081A
Endrin		1.4 J	3.7	ug/Kg	8081A
Endrin aldehyde		3.3 J	3.7	ug/Kg	8081A
Aluminum		7040	94.5	mg/Kg	6010B
Arsenic		9.1	4.7	mg/Kg	6010B
Barium		142	1.9	mg/Kg	6010B
Beryllium		0.37 J	1.9	mg/Kg	6010B
Calcium		20200	189	mg/Kg	6010B
Cobalt		6.6	1.9	mg/Kg	6010B
Chromium		16.9	2.8	mg/Kg	6010B
Copper		73.6	4.7	mg/Kg	6010B
Iron		19100	56.7	mg/Kg	6010B
Potassium		1500	189	mg/Kg	6010B
Magnesium		2660	33.1	mg/Kg	6010B
Manganese		344	5.7	mg/Kg	6010B
Sodium		2110	189	mg/Kg	6010B
Nickel		13.3	4.7	mg/Kg	6010B
Lead		1550	4.7	mg/Kg	6010B
Selenium		1.1 J	9.5	mg/Kg	6010B
Vanadium		26.9	3.8	mg/Kg	6010B
Zinc		120	18.9	mg/Kg	6010B
Mercury		0.26	0.050	mg/Kg	7471A
Percent Moisture		10.7	0.100	%	PercentMoisture
Percent Solids		89.3	0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7124-2	SB-4 (6-7')					
Methylene Chloride		1.9	J	23	ug/Kg	8260B
Benzo[a]anthracene		94	J	300	ug/Kg	8270C
Benzo[a]pyrene		81	J	300	ug/Kg	8270C
Benzo[b]fluoranthene		87	J	300	ug/Kg	8270C
Benzo[g,h,i]perylene		120	J	300	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		180	J	300	ug/Kg	8270C
Chrysene		110	J	300	ug/Kg	8270C
Fluoranthene		110	J	300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		110	J	300	ug/Kg	8270C
Phenanthrene		72	J	300	ug/Kg	8270C
Pyrene		180	J	300	ug/Kg	8270C
Endrin		0.83	J	3.7	ug/Kg	8081A
Endrin aldehyde		2.1	J	3.7	ug/Kg	8081A
gamma-Chlordane		0.73	J	1.9	ug/Kg	8081A
Aluminum		6670		117	mg/Kg	6010B
Arsenic		2.7	J	5.9	mg/Kg	6010B
Barium		35.2		2.3	mg/Kg	6010B
Beryllium		0.32	J	2.3	mg/Kg	6010B
Calcium		3620		235	mg/Kg	6010B
Cobalt		6.0		2.3	mg/Kg	6010B
Chromium		16.9		3.5	mg/Kg	6010B
Copper		20.3		5.9	mg/Kg	6010B
Iron		18500		70.4	mg/Kg	6010B
Potassium		1290		235	mg/Kg	6010B
Magnesium		3340		41.1	mg/Kg	6010B
Manganese		288		7.0	mg/Kg	6010B
Sodium		1430		235	mg/Kg	6010B
Nickel		12.0		5.9	mg/Kg	6010B
Lead		67.9		5.9	mg/Kg	6010B
Vanadium		26.9		4.7	mg/Kg	6010B
Zinc		44.4		23.5	mg/Kg	6010B
Mercury		0.091		0.050	mg/Kg	7471A
Percent Moisture		11.2		0.100	%	PercentMoisture
Percent Solids		88.8		0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-3	SB-2 (2-4')				
Acetone		5.3 J	22	ug/Kg	8260B
Acenaphthene		190 J	290	ug/Kg	8270C
Acenaphthylene		190 J	290	ug/Kg	8270C
Anthracene		450	290	ug/Kg	8270C
Benzo[a]anthracene		1000	290	ug/Kg	8270C
Benzo[a]pyrene		900	290	ug/Kg	8270C
Benzo[b]fluoranthene		870	290	ug/Kg	8270C
Benzo[g,h,i]perylene		680	290	ug/Kg	8270C
Benzo[k]fluoranthene		300	290	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		250 J	290	ug/Kg	8270C
Carbazole		130 J	290	ug/Kg	8270C
Chrysene		1000	290	ug/Kg	8270C
Dibenz(a,h)anthracene		220 J	290	ug/Kg	8270C
Dibenzofuran		140 J	290	ug/Kg	8270C
Fluoranthene		2000	290	ug/Kg	8270C
Fluorene		180 J	290	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		840	290	ug/Kg	8270C
2-Methylnaphthalene		90 J	290	ug/Kg	8270C
Naphthalene		150 J	290	ug/Kg	8270C
Phenanthrene		2000	290	ug/Kg	8270C
Pyrene		2000	290	ug/Kg	8270C
4,4'-DDD		1.3 J	3.7	ug/Kg	8081A
Endosulfan II		2.0 J	3.7	ug/Kg	8081A
Endrin		4.8	3.7	ug/Kg	8081A
Endrin aldehyde		6.4	3.7	ug/Kg	8081A
Methoxychlor		33	19	ug/Kg	8081A
Toxaphene		140	92	ug/Kg	8081A
gamma-Chlordane		0.65 J	1.9	ug/Kg	8081A
Aluminum		8630	114	mg/Kg	6010B
Arsenic		7.9	5.7	mg/Kg	6010B
Barium		86.5	2.3	mg/Kg	6010B
Beryllium		0.52 J	2.3	mg/Kg	6010B
Calcium		3800	228	mg/Kg	6010B
Cobalt		8.7	2.3	mg/Kg	6010B
Chromium		23.3	3.4	mg/Kg	6010B
Copper		40.9	5.7	mg/Kg	6010B
Iron		17300	68.4	mg/Kg	6010B
Potassium		1580	228	mg/Kg	6010B
Magnesium		4970	39.9	mg/Kg	6010B
Manganese		330	6.8	mg/Kg	6010B
Sodium		663	228	mg/Kg	6010B
Nickel		48.5	5.7	mg/Kg	6010B
Lead		254	5.7	mg/Kg	6010B
Vanadium		31.6	4.6	mg/Kg	6010B
Zinc		114	22.8	mg/Kg	6010B
Mercury		0.73	0.054	mg/Kg	7471A
Percent Moisture		10.1	0.100	%	PercentMoisture
Percent Solids		89.9	0.100	%	PercentMoisture

TestAmerica Connecticut

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-4	SB-2 (7-9')				
Acetone		20 J	22	ug/Kg	8260B
Methylene Chloride		1.9 J	22	ug/Kg	8260B
Benzo[a]anthracene		130 J	280	ug/Kg	8270C
Benzo[a]pyrene		130 J	280	ug/Kg	8270C
Benzo[b]fluoranthene		130 J	280	ug/Kg	8270C
Benzo[g,h,i]perylene		100 J	280	ug/Kg	8270C
Benzo[k]fluoranthene		49 J	280	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		1100	280	ug/Kg	8270C
Chrysene		150 J	280	ug/Kg	8270C
Fluoranthene		230 J	280	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		120 J	280	ug/Kg	8270C
Phenanthrene		190 J	280	ug/Kg	8270C
Pyrene		260 J	280	ug/Kg	8270C
Endrin aldehyde		0.48 J	3.6	ug/Kg	8081A
Silver		0.44 J	2.9	mg/Kg	6010B
Aluminum		7770	96.1	mg/Kg	6010B
Arsenic		2.5 J	4.8	mg/Kg	6010B
Barium		57.8	1.9	mg/Kg	6010B
Beryllium		0.46 J	1.9	mg/Kg	6010B
Calcium		17400	192	mg/Kg	6010B
Cobalt		7.8	1.9	mg/Kg	6010B
Chromium		24.4	2.9	mg/Kg	6010B
Copper		27.8	4.8	mg/Kg	6010B
Iron		18300	57.7	mg/Kg	6010B
Potassium		1310	192	mg/Kg	6010B
Magnesium		5410	33.6	mg/Kg	6010B
Manganese		375	5.8	mg/Kg	6010B
Sodium		567	192	mg/Kg	6010B
Nickel		36.9	4.8	mg/Kg	6010B
Lead		230	4.8	mg/Kg	6010B
Vanadium		26.2	3.8	mg/Kg	6010B
Zinc		58.1	19.2	mg/Kg	6010B
Mercury		0.24	0.053	mg/Kg	7471A
Percent Moisture		9.02	0.100	%	PercentMoisture
Percent Solids		91.0	0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-5	SB-1 (2-4')				
Acetone		20 J	22	ug/Kg	8260B
Methylene Chloride		2.1 J	22	ug/Kg	8260B
Aluminum		12200	128	mg/Kg	6010B
Arsenic		3.5 J	6.4	mg/Kg	6010B
Barium		42.2	2.6	mg/Kg	6010B
Beryllium		0.50 J	2.6	mg/Kg	6010B
Calcium		2970	255	mg/Kg	6010B
Cobalt		9.9	2.6	mg/Kg	6010B
Chromium		17.9	3.8	mg/Kg	6010B
Copper		12.9	6.4	mg/Kg	6010B
Iron		21700	76.6	mg/Kg	6010B
Potassium		1220	255	mg/Kg	6010B
Magnesium		3600	44.7	mg/Kg	6010B
Manganese		466	7.7	mg/Kg	6010B
Sodium		358	255	mg/Kg	6010B
Nickel		18.9	6.4	mg/Kg	6010B
Lead		9.6	6.4	mg/Kg	6010B
Vanadium		22.8	5.1	mg/Kg	6010B
Zinc		48.6	25.5	mg/Kg	6010B
Mercury		0.022 J	0.054	mg/Kg	7471A
Percent Moisture		10.2	0.100	%	PercentMoisture
Percent Solids		89.8	0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-6	SB-5 (2-4')				
Acetone		94	23	ug/Kg	8260B
Acenaphthene		1700	1500	ug/Kg	8270C
Acenaphthylene		2300	1500	ug/Kg	8270C
Anthracene		4700	1500	ug/Kg	8270C
Benzo[a]anthracene		13000	1500	ug/Kg	8270C
Benzo[a]pyrene		9900	1500	ug/Kg	8270C
Benzo[b]fluoranthene		11000	1500	ug/Kg	8270C
Benzo[g,h,i]perylene		4700	1500	ug/Kg	8270C
Benzo[k]fluoranthene		4100	1500	ug/Kg	8270C
Carbazole		1400 J	1500	ug/Kg	8270C
Chrysene		12000	1500	ug/Kg	8270C
Dibenz(a,h)anthracene		2800	1500	ug/Kg	8270C
Dibenzofuran		1100 J	1500	ug/Kg	8270C
Fluoranthene		26000	1500	ug/Kg	8270C
Fluorene		1100 J	1500	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		6000	1500	ug/Kg	8270C
2-Methylnaphthalene		670 J	1500	ug/Kg	8270C
Naphthalene		1500 J	1500	ug/Kg	8270C
Phenanthrene		19000	1500	ug/Kg	8270C
Pyrene		20000	1500	ug/Kg	8270C
4,4'-DDD		8.0	3.8	ug/Kg	8081A
4,4'-DDT		7.8	3.8	ug/Kg	8081A
delta-BHC		0.96 J	2.0	ug/Kg	8081A
Endosulfan II		3.7 J	3.8	ug/Kg	8081A
Endrin		7.3	3.8	ug/Kg	8081A
Endrin aldehyde		7.5	3.8	ug/Kg	8081A
Heptachlor		0.75 J	2.0	ug/Kg	8081A
gamma-Chlordane		1.9 J	2.0	ug/Kg	8081A
Aluminum		6960	104	mg/Kg	6010B
Arsenic		22.2	5.2	mg/Kg	6010B
Barium		66.5	2.1	mg/Kg	6010B
Beryllium		0.38 J	2.1	mg/Kg	6010B
Calcium		49800	208	mg/Kg	6010B
Cobalt		7.3	2.1	mg/Kg	6010B
Chromium		19.6	3.1	mg/Kg	6010B
Copper		69.6	5.2	mg/Kg	6010B
Iron		14300	62.3	mg/Kg	6010B
Potassium		1310	208	mg/Kg	6010B
Magnesium		2960	36.3	mg/Kg	6010B
Manganese		352	6.2	mg/Kg	6010B
Sodium		931	208	mg/Kg	6010B
Nickel		14.2	5.2	mg/Kg	6010B
Lead		216	5.2	mg/Kg	6010B
Selenium		2.0 J	10.4	mg/Kg	6010B
Vanadium		23.4	4.2	mg/Kg	6010B
Zinc		76.8	20.8	mg/Kg	6010B
Mercury		0.28	0.052	mg/Kg	7471A
Percent Moisture		13.4	0.100	%	PercentMoisture

TestAmerica Connecticut

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
Percent Solids		86.6	0.100	%	PercentMoisture
220-7124-7	SB-9 (1-3')				
Acetone		13 J	21	ug/Kg	8260B
Fluoranthene		63 J	270	ug/Kg	8270C
gamma-Chlordane		1.0 J	1.8	ug/Kg	8081A
Aluminum		4840	119	mg/Kg	6010B
Arsenic		1.4 J	5.9	mg/Kg	6010B
Barium		48.7	2.4	mg/Kg	6010B
Beryllium		0.32 J	2.4	mg/Kg	6010B
Calcium		4680	238	mg/Kg	6010B
Cobalt		5.4	2.4	mg/Kg	6010B
Chromium		11.9	3.6	mg/Kg	6010B
Copper		20.2	5.9	mg/Kg	6010B
Iron		9240	71.3	mg/Kg	6010B
Potassium		940	238	mg/Kg	6010B
Magnesium		4130	41.6	mg/Kg	6010B
Manganese		297	7.1	mg/Kg	6010B
Sodium		436	238	mg/Kg	6010B
Nickel		15.8	5.9	mg/Kg	6010B
Lead		39.0	5.9	mg/Kg	6010B
Vanadium		14.4	4.8	mg/Kg	6010B
Zinc		73.1	23.8	mg/Kg	6010B
Mercury		0.11	0.051	mg/Kg	7471A
Percent Moisture		4.37	0.100	%	PercentMoisture
Percent Solids		95.6	0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-8	SB-9 (5-6)				
Acetone		53	22	ug/Kg	8260B
Methyl Ethyl Ketone		45	11	ug/Kg	8260B
Carbon disulfide		2.1 J	5.5	ug/Kg	8260B
Methylene Chloride		4.3 J	22	ug/Kg	8260B
Anthracene		68 J	290	ug/Kg	8270C
Benzo[a]anthracene		240 J	290	ug/Kg	8270C
Benzo[a]pyrene		210 J	290	ug/Kg	8270C
Benzo[b]fluoranthene		220 J	290	ug/Kg	8270C
Benzo[g,h,i]perylene		170 J	290	ug/Kg	8270C
Benzo[k]fluoranthene		82 J	290	ug/Kg	8270C
Chrysene		260 J	290	ug/Kg	8270C
Fluoranthene		430	290	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		210 J	290	ug/Kg	8270C
Phenanthrene		250 J	290	ug/Kg	8270C
Pyrene		490	290	ug/Kg	8270C
PCB-1260		7.9 J	18	ug/Kg	8082
Aluminum		5150	134	mg/Kg	6010B
Arsenic		2.2 J	6.7	mg/Kg	6010B
Barium		49.3	2.7	mg/Kg	6010B
Calcium		15100	267	mg/Kg	6010B
Cobalt		5.4	2.7	mg/Kg	6010B
Chromium		15.6	4.0	mg/Kg	6010B
Copper		34.5	6.7	mg/Kg	6010B
Iron		11000	80.1	mg/Kg	6010B
Potassium		999	267	mg/Kg	6010B
Magnesium		5570	46.7	mg/Kg	6010B
Manganese		302	8.0	mg/Kg	6010B
Sodium		550	267	mg/Kg	6010B
Nickel		13.0	6.7	mg/Kg	6010B
Lead		102	6.7	mg/Kg	6010B
Vanadium		18.4	5.3	mg/Kg	6010B
Zinc		93.1	26.7	mg/Kg	6010B
Mercury		0.57	0.048	mg/Kg	7471A
Percent Moisture		9.10	0.100	%	PercentMoisture
Percent Solids		90.9	0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-9	SB-6 (4-5)				
Acetone		89	23	ug/Kg	8260B
Carbon disulfide		4.8 J	5.8	ug/Kg	8260B
Methylene Chloride		3.3 J	23	ug/Kg	8260B
Aluminum		4030	100	mg/Kg	6010B
Arsenic		1.9 J	5.0	mg/Kg	6010B
Barium		23.9	2.0	mg/Kg	6010B
Beryllium		0.27 J	2.0	mg/Kg	6010B
Calcium		707	200	mg/Kg	6010B
Cobalt		4.7	2.0	mg/Kg	6010B
Chromium		9.7	3.0	mg/Kg	6010B
Copper		12.2	5.0	mg/Kg	6010B
Iron		13000	60.0	mg/Kg	6010B
Potassium		547	200	mg/Kg	6010B
Magnesium		1460	35.0	mg/Kg	6010B
Manganese		166	6.0	mg/Kg	6010B
Sodium		405	200	mg/Kg	6010B
Nickel		8.7	5.0	mg/Kg	6010B
Lead		9.8	5.0	mg/Kg	6010B
Vanadium		18.7	4.0	mg/Kg	6010B
Zinc		21.7	20.0	mg/Kg	6010B
Mercury		0.29	0.052	mg/Kg	7471A
Percent Moisture		13.8	0.100	%	PercentMoisture
Percent Solids		86.2	0.100	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-10	SB-2				
Acetone		38	20	ug/L	8260B
Methyl Ethyl Ketone		140	20	ug/L	8260B
Toluene		1.5 J	10	ug/L	8260B
cis-1,2-Dichloroethene		3.6 J	10	ug/L	8260B
4-Methylphenol		37	4.3	ug/L	8270C
delta-BHC		0.0070 J H	0.056	ug/L	8081A
gamma-Chlordane		0.0081 J H	0.056	ug/L	8081A
Aluminum		46400	2500	ug/L	6010B
Barium		840	50	ug/L	6010B
Beryllium		5.9 J	50	ug/L	6010B
Calcium		102000	2500	ug/L	6010B
Cobalt		82	50	ug/L	6010B
Chromium		150	50	ug/L	6010B
Copper		360	50	ug/L	6010B
Iron		327000	1200	ug/L	6010B
Potassium		35500	2500	ug/L	6010B
Magnesium		40300	2500	ug/L	6010B
Manganese		5800	75	ug/L	6010B
Sodium		114000	2500	ug/L	6010B
Nickel		130	50	ug/L	6010B
Lead		460	50	ug/L	6010B
Selenium		19 J	150	ug/L	6010B
Vanadium		190	50	ug/L	6010B
Zinc		410	250	ug/L	6010B
Mercury		0.90	0.20	ug/L	7470A
<i>Dissolved</i>					
Arsenic		7.1 J	20	ug/L	6010B
Barium		400	10	ug/L	6010B
Calcium		69200	500	ug/L	6010B
Cobalt		3.1 J	10	ug/L	6010B
Chromium		1.0 J	10	ug/L	6010B
Iron		145000	250	ug/L	6010B
Potassium		32500	500	ug/L	6010B
Magnesium		21800	500	ug/L	6010B
Manganese		2300	15	ug/L	6010B
Sodium		85100	500	ug/L	6010B
Selenium		4.3 J	30	ug/L	6010B
Vanadium		4.2 J	10	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-7124-11	SB-5				
Acetone		1.9 J	10	ug/L	8260B
Vinyl chloride		1.2 J	5.0	ug/L	8260B
Anthracene		1.1 J	4.4	ug/L	8270C
Benzo[a]anthracene		2.8 J	4.4	ug/L	8270C
Benzo[a]pyrene		2.0 J	4.4	ug/L	8270C
Benzo[b]fluoranthene		2.6 J	4.4	ug/L	8270C
Benzo[g,h,i]perylene		3.5 J	4.4	ug/L	8270C
Benzo[k]fluoranthene		1.1 J	4.4	ug/L	8270C
Bis(2-ethylhexyl) phthalate		11	4.4	ug/L	8270C
Carbazole		0.72 J	4.4	ug/L	8270C
Chrysene		2.8 J	4.4	ug/L	8270C
Di-n-butyl phthalate		0.70 J	4.4	ug/L	8270C
Fluoranthene		5.8	4.4	ug/L	8270C
Indeno[1,2,3-cd]pyrene		6.3	4.4	ug/L	8270C
Phenanthrene		5.1	4.4	ug/L	8270C
Pyrene		5.0	4.4	ug/L	8270C
Aluminum		468000	2500	ug/L	6010B
Arsenic		150	100	ug/L	6010B
Barium		4800	50	ug/L	6010B
Beryllium		45 J	50	ug/L	6010B
Calcium		326000	2500	ug/L	6010B
Cobalt		470	50	ug/L	6010B
Chromium		1100	50	ug/L	6010B
Copper		4900	50	ug/L	6010B
Iron		1190000	1200	ug/L	6010B
Potassium		136000	2500	ug/L	6010B
Magnesium		230000	2500	ug/L	6010B
Manganese		43700	75	ug/L	6010B
Sodium		192000	2500	ug/L	6010B
Nickel		1100	50	ug/L	6010B
Lead		1800	50	ug/L	6010B
Vanadium		1800	50	ug/L	6010B
Zinc		2900	250	ug/L	6010B
Mercury		0.63	0.20	ug/L	7470A
<i>Dissolved</i>					
Arsenic		11 J	20	ug/L	6010B
Barium		640	10	ug/L	6010B
Calcium		134000	500	ug/L	6010B
Copper		8.7 J	10	ug/L	6010B
Iron		43400	250	ug/L	6010B
Potassium		27700	500	ug/L	6010B
Magnesium		38400	500	ug/L	6010B
Manganese		1400	15	ug/L	6010B
Sodium		117000	500	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7124-12TB	TRIP BLANK					
Acetone		2.0	J *	10	ug/L	8260B
220-7124-13	SB-6					
Bis(2-ethylhexyl) phthalate		3.7	J	4.2	ug/L	8270C
Naphthalene		0.84	J	4.2	ug/L	8270C
Aluminum		150	J	500	ug/L	6010B
Barium		61		10	ug/L	6010B
Calcium		66000		500	ug/L	6010B
Copper		180		10	ug/L	6010B
Iron		640		250	ug/L	6010B
Potassium		41800		5000	ug/L	6010B
Magnesium		49400		500	ug/L	6010B
Manganese		1200		15	ug/L	6010B
Sodium		389000		5000	ug/L	6010B
Nickel		2.3	J	10	ug/L	6010B
Lead		3.1	J	10	ug/L	6010B
<i>Dissolved</i>						
Aluminum		180	J	500	ug/L	6010B
Barium		68		10	ug/L	6010B
Calcium		72400		500	ug/L	6010B
Copper		200		10	ug/L	6010B
Iron		720		250	ug/L	6010B
Potassium		47400		5000	ug/L	6010B
Magnesium		54500		500	ug/L	6010B
Manganese		1300		15	ug/L	6010B
Sodium		428000		5000	ug/L	6010B
Nickel		2.3	J	10	ug/L	6010B
Lead		3.9	J	10	ug/L	6010B

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
Ultrasonic Extraction	TAL CT		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Ultrasonic Extraction	TAL CT		SW846 3550B
Metals (ICP)	TAL CT	SW846 6010B	
Preparation, Metals	TAL CT		SW846 3050B
Mercury (CVAA)	TAL CT	SW846 7471A	
Preparation, Mercury	TAL CT		SW846 7471A
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Metals (ICP)	TAL CT	SW846 6010B	
Sample Filtration, Field	TAL CT		FIELD_FLTRD
Preparation, Total Metals	TAL CT		SW846 3010A
Mercury (CVAA)	TAL CT	SW846 7470A	
Sample Filtration, Field	TAL CT		FIELD_FLTRD
Preparation, Mercury	TAL CT		SW846 7470A

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
SW846 8081A	Cooper, Susan	SC
SW846 8082	Smith, Karli	KS
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Ruokonen, Donna	DR
SW846 7471A	Ruokonen, Donna	DR
EPA PercentMoisture	Capece, Bill	BC

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-7124-1	SB-4 (0.5'-2.5')	Solid	11/04/2008 0910	11/05/2008 1858
220-7124-2	SB-4 (6-7')	Solid	11/04/2008 1330	11/05/2008 1858
220-7124-3	SB-2 (2-4')	Solid	11/04/2008 1050	11/05/2008 1858
220-7124-4	SB-2 (7-9')	Solid	11/04/2008 1530	11/05/2008 1858
220-7124-5	SB-1 (2-4')	Solid	11/04/2008 1430	11/05/2008 1858
220-7124-6	SB-5 (2-4')	Solid	11/04/2008 1530	11/05/2008 1858
220-7124-7	SB-9 (1-3')	Solid	11/05/2008 1350	11/05/2008 1858
220-7124-8	SB-9 (5-6)	Solid	11/05/2008 1420	11/05/2008 1858
220-7124-9	SB-6 (4-5)	Solid	11/05/2008 1235	11/05/2008 1858
220-7124-10	SB-2	Water	11/04/2008 1130	11/05/2008 1858
220-7124-11	SB-5	Water	11/05/2008 1036	11/05/2008 1858
220-7124-12TB	TRIP BLANK	Water	11/05/2008 0000	11/05/2008 1858
220-7124-13	SB-6	Water	11/05/2008 1245	11/05/2008 1858

SAMPLE RESULTS

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (0.5'-2.5')

Lab Sample ID: 220-7124-1

Date Sampled: 11/04/2008 0910

Client Matrix: Solid

% Moisture: 10.6

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7533.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1937		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1937		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.6	U	2.6	22
Benzene		0.79	U	0.79	5.6
Bromodichloromethane		0.73	U	0.73	5.6
Bromoform		1.9	U	1.9	5.6
Bromomethane		1.7	U	1.7	5.6
Methyl Ethyl Ketone		3.8	U	3.8	11
Carbon disulfide		0.59	U	0.59	5.6
Carbon tetrachloride		0.79	U	0.79	5.6
Chlorobenzene		0.98	U	0.98	5.6
Chloroethane		1.4	U	1.4	5.6
Chloroform		0.59	U	0.59	5.6
Chloromethane		1.1	U	1.1	5.6
Dibromochloromethane		1.2	U	1.2	5.6
1,1-Dichloroethane		0.73	U	0.73	5.6
1,2-Dichloroethane		1.2	U	1.2	5.6
1,1-Dichloroethene		0.88	U	0.88	5.6
1,2-Dichloropropane		1.1	U	1.1	5.6
cis-1,3-Dichloropropene		0.69	U	0.69	5.6
trans-1,3-Dichloropropene		1.2	U	1.2	5.6
Ethylbenzene		0.79	U	0.79	5.6
2-Hexanone		3.0	U	3.0	11
Methylene Chloride		1.6	U	1.6	22
methyl isobutyl ketone		1.1	U	1.1	5.6
Styrene		1.4	U	1.4	5.6
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.6
Tetrachloroethene		0.83	U	0.83	5.6
Toluene		0.66	U	0.66	5.6
1,1,1-Trichloroethane		0.82	U	0.82	5.6
1,1,2-Trichloroethane		0.97	U	0.97	5.6
Trichloroethene		1.1	U	1.1	5.6
Vinyl chloride		1.5	U	1.5	5.6
Xylenes, Total		2.7	U	2.7	5.6
cis-1,2-Dichloroethene		1.0	U	1.0	5.6
trans-1,2-Dichloroethene		1.1	U	1.1	5.6
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		92		49 - 134	
4-Bromofluorobenzene		104		36 - 133	
Dibromofluoromethane		82		60 - 130	
Toluene-d8 (Surr)		109		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (6-7')

Lab Sample ID: 220-7124-2

Date Sampled: 11/04/2008 1330

Client Matrix: Solid

% Moisture: 11.2

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7522.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1502		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1502		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2.6	U	2.6	23
Benzene		0.80	U	0.80	5.6
Bromodichloromethane		0.73	U	0.73	5.6
Bromoform		1.9	U	1.9	5.6
Bromomethane		1.7	U	1.7	5.6
Methyl Ethyl Ketone		3.8	U	3.8	11
Carbon disulfide		0.60	U	0.60	5.6
Carbon tetrachloride		0.80	U	0.80	5.6
Chlorobenzene		0.99	U	0.99	5.6
Chloroethane		1.4	U	1.4	5.6
Chloroform		0.60	U	0.60	5.6
Chloromethane		1.1	U	1.1	5.6
Dibromochloromethane		1.2	U	1.2	5.6
1,1-Dichloroethane		0.73	U	0.73	5.6
1,2-Dichloroethane		1.2	U	1.2	5.6
1,1-Dichloroethene		0.89	U	0.89	5.6
1,2-Dichloropropane		1.1	U	1.1	5.6
cis-1,3-Dichloropropene		0.70	U	0.70	5.6
trans-1,3-Dichloropropene		1.2	U	1.2	5.6
Ethylbenzene		0.80	U	0.80	5.6
2-Hexanone		3.0	U	3.0	11
Methylene Chloride		1.9	J	1.6	23
methyl isobutyl ketone		1.1	U	1.1	5.6
Styrene		1.5	U	1.5	5.6
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.6
Tetrachloroethene		0.83	U	0.83	5.6
Toluene		0.66	U	0.66	5.6
1,1,1-Trichloroethane		0.82	U	0.82	5.6
1,1,2-Trichloroethane		0.98	U	0.98	5.6
Trichloroethene		1.1	U	1.1	5.6
Vinyl chloride		1.5	U	1.5	5.6
Xylenes, Total		2.7	U	2.7	5.6
cis-1,2-Dichloroethene		1.0	U	1.0	5.6
trans-1,2-Dichloroethene		1.1	U	1.1	5.6
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		84		49 - 134	
4-Bromofluorobenzene		113		36 - 133	
Dibromofluoromethane		75		60 - 130	
Toluene-d8 (Surr)		103		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (2-4')

Lab Sample ID: 220-7124-3

Date Sampled: 11/04/2008 1050

Client Matrix: Solid

% Moisture: 10.1

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7523.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1527		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1527		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5.3	J	2.6	22
Benzene		0.79	U	0.79	5.6
Bromodichloromethane		0.72	U	0.72	5.6
Bromoform		1.9	U	1.9	5.6
Bromomethane		1.7	U	1.7	5.6
Methyl Ethyl Ketone		3.7	U	3.7	11
Carbon disulfide		0.59	U	0.59	5.6
Carbon tetrachloride		0.79	U	0.79	5.6
Chlorobenzene		0.98	U	0.98	5.6
Chloroethane		1.4	U	1.4	5.6
Chloroform		0.59	U	0.59	5.6
Chloromethane		1.1	U	1.1	5.6
Dibromochloromethane		1.2	U	1.2	5.6
1,1-Dichloroethane		0.72	U	0.72	5.6
1,2-Dichloroethane		1.2	U	1.2	5.6
1,1-Dichloroethene		0.88	U	0.88	5.6
1,2-Dichloropropane		1.1	U	1.1	5.6
cis-1,3-Dichloropropene		0.69	U	0.69	5.6
trans-1,3-Dichloropropene		1.2	U	1.2	5.6
Ethylbenzene		0.79	U	0.79	5.6
2-Hexanone		2.9	U	2.9	11
Methylene Chloride		1.6	U	1.6	22
methyl isobutyl ketone		1.0	U	1.0	5.6
Styrene		1.4	U	1.4	5.6
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.6
Tetrachloroethene		0.82	U	0.82	5.6
Toluene		0.66	U	0.66	5.6
1,1,1-Trichloroethane		0.81	U	0.81	5.6
1,1,2-Trichloroethane		0.97	U	0.97	5.6
Trichloroethene		1.1	U	1.1	5.6
Vinyl chloride		1.4	U	1.4	5.6
Xylenes, Total		2.7	U	2.7	5.6
cis-1,2-Dichloroethene		1.0	U	1.0	5.6
trans-1,2-Dichloroethene		1.1	U	1.1	5.6
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		89		49 - 134	
4-Bromofluorobenzene		117		36 - 133	
Dibromofluoromethane		80		60 - 130	
Toluene-d8 (Surr)		110		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (7-9')

Lab Sample ID: 220-7124-4

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 9.0

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7524.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1552		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1552		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		20	J	2.6	22
Benzene		0.78	U	0.78	5.5
Bromodichloromethane		0.71	U	0.71	5.5
Bromoform		1.9	U	1.9	5.5
Bromomethane		1.7	U	1.7	5.5
Methyl Ethyl Ketone		3.7	U	3.7	11
Carbon disulfide		0.58	U	0.58	5.5
Carbon tetrachloride		0.78	U	0.78	5.5
Chlorobenzene		0.97	U	0.97	5.5
Chloroethane		1.4	U	1.4	5.5
Chloroform		0.58	U	0.58	5.5
Chloromethane		1.1	U	1.1	5.5
Dibromochloromethane		1.2	U	1.2	5.5
1,1-Dichloroethane		0.71	U	0.71	5.5
1,2-Dichloroethane		1.2	U	1.2	5.5
1,1-Dichloroethene		0.87	U	0.87	5.5
1,2-Dichloropropane		1.1	U	1.1	5.5
cis-1,3-Dichloropropene		0.68	U	0.68	5.5
trans-1,3-Dichloropropene		1.2	U	1.2	5.5
Ethylbenzene		0.78	U	0.78	5.5
2-Hexanone		2.9	U	2.9	11
Methylene Chloride		1.9	J	1.5	22
methyl isobutyl ketone		1.0	U	1.0	5.5
Styrene		1.4	U	1.4	5.5
1,1,2,2-Tetrachloroethane		1.1	U	1.1	5.5
Tetrachloroethene		0.81	U	0.81	5.5
Toluene		0.65	U	0.65	5.5
1,1,1-Trichloroethane		0.80	U	0.80	5.5
1,1,2-Trichloroethane		0.96	U	0.96	5.5
Trichloroethene		1.1	U	1.1	5.5
Vinyl chloride		1.4	U	1.4	5.5
Xylenes, Total		2.7	U	2.7	5.5
cis-1,2-Dichloroethene		1.0	U	1.0	5.5
trans-1,2-Dichloroethene		1.1	U	1.1	5.5
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		90		49 - 134	
4-Bromofluorobenzene		114		36 - 133	
Dibromofluoromethane		81		60 - 130	
Toluene-d8 (Surr)		109		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-1 (2-4')

Lab Sample ID: 220-7124-5

Date Sampled: 11/04/2008 1430

Client Matrix: Solid

% Moisture: 10.2

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7525.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1617		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1617		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		20	J	2.6	22
Benzene		0.79	U	0.79	5.6
Bromodichloromethane		0.72	U	0.72	5.6
Bromoform		1.9	U	1.9	5.6
Bromomethane		1.7	U	1.7	5.6
Methyl Ethyl Ketone		3.7	U	3.7	11
Carbon disulfide		0.59	U	0.59	5.6
Carbon tetrachloride		0.79	U	0.79	5.6
Chlorobenzene		0.98	U	0.98	5.6
Chloroethane		1.4	U	1.4	5.6
Chloroform		0.59	U	0.59	5.6
Chloromethane		1.1	U	1.1	5.6
Dibromochloromethane		1.2	U	1.2	5.6
1,1-Dichloroethane		0.72	U	0.72	5.6
1,2-Dichloroethane		1.2	U	1.2	5.6
1,1-Dichloroethene		0.88	U	0.88	5.6
1,2-Dichloropropane		1.1	U	1.1	5.6
cis-1,3-Dichloropropene		0.69	U	0.69	5.6
trans-1,3-Dichloropropene		1.2	U	1.2	5.6
Ethylbenzene		0.79	U	0.79	5.6
2-Hexanone		2.9	U	2.9	11
Methylene Chloride		2.1	J	1.6	22
methyl isobutyl ketone		1.0	U	1.0	5.6
Styrene		1.4	U	1.4	5.6
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.6
Tetrachloroethene		0.82	U	0.82	5.6
Toluene		0.66	U	0.66	5.6
1,1,1-Trichloroethane		0.81	U	0.81	5.6
1,1,2-Trichloroethane		0.97	U	0.97	5.6
Trichloroethene		1.1	U	1.1	5.6
Vinyl chloride		1.4	U	1.4	5.6
Xylenes, Total		2.7	U	2.7	5.6
cis-1,2-Dichloroethene		1.0	U	1.0	5.6
trans-1,2-Dichloroethene		1.1	U	1.1	5.6
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		93		49 - 134	
4-Bromofluorobenzene		114		36 - 133	
Dibromofluoromethane		82		60 - 130	
Toluene-d8 (Surr)		108		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5 (2-4')

Lab Sample ID: 220-7124-6

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 13.4

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7526.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1642		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1642		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		94		2.7	23
Benzene		0.82	U	0.82	5.8
Bromodichloromethane		0.75	U	0.75	5.8
Bromoform		2.0	U	2.0	5.8
Bromomethane		1.8	U	1.8	5.8
Methyl Ethyl Ketone		3.9	U	3.9	12
Carbon disulfide		0.61	U	0.61	5.8
Carbon tetrachloride		0.82	U	0.82	5.8
Chlorobenzene		1.0	U	1.0	5.8
Chloroethane		1.5	U	1.5	5.8
Chloroform		0.61	U	0.61	5.8
Chloromethane		1.2	U	1.2	5.8
Dibromochloromethane		1.2	U	1.2	5.8
1,1-Dichloroethane		0.75	U	0.75	5.8
1,2-Dichloroethane		1.2	U	1.2	5.8
1,1-Dichloroethene		0.91	U	0.91	5.8
1,2-Dichloropropane		1.1	U	1.1	5.8
cis-1,3-Dichloropropene		0.72	U	0.72	5.8
trans-1,3-Dichloropropene		1.2	U	1.2	5.8
Ethylbenzene		0.82	U	0.82	5.8
2-Hexanone		3.0	U	3.0	12
Methylene Chloride		1.6	U	1.6	23
methyl isobutyl ketone		1.1	U	1.1	5.8
Styrene		1.5	U	1.5	5.8
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.8
Tetrachloroethene		0.85	U	0.85	5.8
Toluene		0.68	U	0.68	5.8
1,1,1-Trichloroethane		0.84	U	0.84	5.8
1,1,2-Trichloroethane		1.0	U	1.0	5.8
Trichloroethene		1.1	U	1.1	5.8
Vinyl chloride		1.5	U	1.5	5.8
Xylenes, Total		2.8	U	2.8	5.8
cis-1,2-Dichloroethene		1.1	U	1.1	5.8
trans-1,2-Dichloroethene		1.1	U	1.1	5.8
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		92		49 - 134	
4-Bromofluorobenzene		122		36 - 133	
Dibromofluoromethane		81		60 - 130	
Toluene-d8 (Surr)		113		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (1-3')

Lab Sample ID: 220-7124-7

Date Sampled: 11/05/2008 1350

Client Matrix: Solid

% Moisture: 4.4

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7527.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1707		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1707		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		13	J	2.4	21
Benzene		0.74	U	0.74	5.2
Bromodichloromethane		0.68	U	0.68	5.2
Bromoform		1.8	U	1.8	5.2
Bromomethane		1.6	U	1.6	5.2
Methyl Ethyl Ketone		3.5	U	3.5	10
Carbon disulfide		0.55	U	0.55	5.2
Carbon tetrachloride		0.74	U	0.74	5.2
Chlorobenzene		0.92	U	0.92	5.2
Chloroethane		1.3	U	1.3	5.2
Chloroform		0.55	U	0.55	5.2
Chloromethane		1.1	U	1.1	5.2
Dibromochloromethane		1.1	U	1.1	5.2
1,1-Dichloroethane		0.68	U	0.68	5.2
1,2-Dichloroethane		1.1	U	1.1	5.2
1,1-Dichloroethene		0.83	U	0.83	5.2
1,2-Dichloropropane		1.0	U	1.0	5.2
cis-1,3-Dichloropropene		0.65	U	0.65	5.2
trans-1,3-Dichloropropene		1.1	U	1.1	5.2
Ethylbenzene		0.74	U	0.74	5.2
2-Hexanone		2.8	U	2.8	10
Methylene Chloride		1.5	U	1.5	21
methyl isobutyl ketone		0.98	U	0.98	5.2
Styrene		1.3	U	1.3	5.2
1,1,2,2-Tetrachloroethane		1.1	U	1.1	5.2
Tetrachloroethene		0.77	U	0.77	5.2
Toluene		0.62	U	0.62	5.2
1,1,1-Trichloroethane		0.76	U	0.76	5.2
1,1,2-Trichloroethane		0.91	U	0.91	5.2
Trichloroethene		1.0	U	1.0	5.2
Vinyl chloride		1.4	U	1.4	5.2
Xylenes, Total		2.6	U	2.6	5.2
cis-1,2-Dichloroethene		0.96	U	0.96	5.2
trans-1,2-Dichloroethene		1.0	U	1.0	5.2
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		91		49 - 134	
4-Bromofluorobenzene		115		36 - 133	
Dibromofluoromethane		82		60 - 130	
Toluene-d8 (Surr)		108		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8

Date Sampled: 11/05/2008 1420

Client Matrix: Solid

% Moisture: 9.1

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7528.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1732		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1732		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		53		2.6	22
Benzene		0.78	U	0.78	5.5
Bromodichloromethane		0.72	U	0.72	5.5
Bromoform		1.9	U	1.9	5.5
Bromomethane		1.7	U	1.7	5.5
Methyl Ethyl Ketone		45		3.7	11
Carbon disulfide		2.1	J	0.58	5.5
Carbon tetrachloride		0.78	U	0.78	5.5
Chlorobenzene		0.97	U	0.97	5.5
Chloroethane		1.4	U	1.4	5.5
Chloroform		0.58	U	0.58	5.5
Chloromethane		1.1	U	1.1	5.5
Dibromochloromethane		1.2	U	1.2	5.5
1,1-Dichloroethane		0.72	U	0.72	5.5
1,2-Dichloroethane		1.2	U	1.2	5.5
1,1-Dichloroethene		0.87	U	0.87	5.5
1,2-Dichloropropane		1.1	U	1.1	5.5
cis-1,3-Dichloropropene		0.68	U	0.68	5.5
trans-1,3-Dichloropropene		1.2	U	1.2	5.5
Ethylbenzene		0.78	U	0.78	5.5
2-Hexanone		2.9	U	2.9	11
Methylene Chloride		4.3	J	1.5	22
methyl isobutyl ketone		1.0	U	1.0	5.5
Styrene		1.4	U	1.4	5.5
1,1,2,2-Tetrachloroethane		1.1	U	1.1	5.5
Tetrachloroethene		0.81	U	0.81	5.5
Toluene		0.65	U	0.65	5.5
1,1,1-Trichloroethane		0.80	U	0.80	5.5
1,1,2-Trichloroethane		0.96	U	0.96	5.5
Trichloroethene		1.1	U	1.1	5.5
Vinyl chloride		1.4	U	1.4	5.5
Xylenes, Total		2.7	U	2.7	5.5
cis-1,2-Dichloroethene		1.0	U	1.0	5.5
trans-1,2-Dichloroethene		1.1	U	1.1	5.5
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		93		49 - 134	
4-Bromofluorobenzene		109		36 - 133	
Dibromofluoromethane		84		60 - 130	
Toluene-d8 (Surr)		105		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6 (4-5)

Lab Sample ID: 220-7124-9

Date Sampled: 11/05/2008 1235

Client Matrix: Solid

% Moisture: 13.8

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21924	Instrument ID: HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID: O7529.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	11/11/2008 1757		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1757		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		89		2.7	23
Benzene		0.82	U	0.82	5.8
Bromodichloromethane		0.75	U	0.75	5.8
Bromoform		2.0	U	2.0	5.8
Bromomethane		1.8	U	1.8	5.8
Methyl Ethyl Ketone		3.9	U	3.9	12
Carbon disulfide		4.8	J	0.62	5.8
Carbon tetrachloride		0.82	U	0.82	5.8
Chlorobenzene		1.0	U	1.0	5.8
Chloroethane		1.5	U	1.5	5.8
Chloroform		0.62	U	0.62	5.8
Chloromethane		1.2	U	1.2	5.8
Dibromochloromethane		1.2	U	1.2	5.8
1,1-Dichloroethane		0.75	U	0.75	5.8
1,2-Dichloroethane		1.3	U	1.3	5.8
1,1-Dichloroethene		0.92	U	0.92	5.8
1,2-Dichloropropane		1.1	U	1.1	5.8
cis-1,3-Dichloropropene		0.72	U	0.72	5.8
trans-1,3-Dichloropropene		1.2	U	1.2	5.8
Ethylbenzene		0.82	U	0.82	5.8
2-Hexanone		3.1	U	3.1	12
Methylene Chloride		3.3	J	1.6	23
methyl isobutyl ketone		1.1	U	1.1	5.8
Styrene		1.5	U	1.5	5.8
1,1,2,2-Tetrachloroethane		1.2	U	1.2	5.8
Tetrachloroethene		0.86	U	0.86	5.8
Toluene		0.68	U	0.68	5.8
1,1,1-Trichloroethane		0.85	U	0.85	5.8
1,1,2-Trichloroethane		1.0	U	1.0	5.8
Trichloroethene		1.1	U	1.1	5.8
Vinyl chloride		1.5	U	1.5	5.8
Xylenes, Total		2.8	U	2.8	5.8
cis-1,2-Dichloroethene		1.1	U	1.1	5.8
trans-1,2-Dichloroethene		1.1	U	1.1	5.8
Surrogate		%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		101		49 - 134	
4-Bromofluorobenzene		194	*	36 - 133	
Dibromofluoromethane		90		60 - 130	
Toluene-d8 (Surr)		135		51 - 137	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2

Lab Sample ID: 220-7124-10

Date Sampled: 11/04/2008 1130

Client Matrix: Water

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21940	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9573.D
Dilution:	2.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/12/2008 1547		Final Weight/Volume: 5 mL
Date Prepared:	11/12/2008 1547		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	38		2.1	20
Benzene	1.5	U	1.5	10
Bromodichloromethane	0.96	U	0.96	10
Bromoform	0.92	U	0.92	10
Bromomethane	4.2	U	4.2	10
Methyl Ethyl Ketone	140		2.2	20
Carbon disulfide	1.8	U	1.8	10
Carbon tetrachloride	2.1	U	2.1	10
Chlorobenzene	1.4	U	1.4	10
Chloroethane	2.1	U	2.1	10
Chloroform	1.3	U	1.3	10
Chloromethane	2.2	U	2.2	10
Dibromochloromethane	1.1	U	1.1	10
1,1-Dichloroethane	2.1	U	2.1	10
1,2-Dichloroethane	1.4	U	1.4	10
1,1-Dichloroethene	1.7	U	1.7	10
1,2-Dichloropropane	1.4	U	1.4	10
cis-1,3-Dichloropropene	0.56	U	0.56	10
trans-1,3-Dichloropropene	1.1	U	1.1	10
Ethylbenzene	1.7	U	1.7	10
2-Hexanone	2.2	U	2.2	20
Methylene Chloride	1.6	U	1.6	10
methyl isobutyl ketone	0.76	U	0.76	20
Styrene	1.3	U	1.3	10
1,1,2,2-Tetrachloroethane	1.6	U	1.6	10
Tetrachloroethene	1.6	U	1.6	10
Toluene	1.5	J	1.4	10
1,1,1-Trichloroethane	1.4	U	1.4	10
1,1,2-Trichloroethane	1.3	U	1.3	10
Trichloroethene	1.2	U	1.2	10
Vinyl chloride	2.0	U	2.0	10
Xylenes, Total	4.5	U	4.5	10
cis-1,2-Dichloroethene	3.6	J	2.0	10
trans-1,2-Dichloroethene	1.5	U	1.5	10
Surrogate	%Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	105	53 - 125		
4-Bromofluorobenzene	90	73 - 127		
Dibromofluoromethane	102	54 - 137		
Toluene-d8 (Surr)	92	63 - 121		

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11

Date Sampled: 11/05/2008 1036

Client Matrix: Water

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21892	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9542.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/11/2008 1507		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 1507		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	1.2	J	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	89	53 - 125		
4-Bromofluorobenzene	91	73 - 127		
Dibromofluoromethane	94	54 - 137		
Toluene-d8 (Surr)	92	63 - 121		

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: TRIP BLANK

Lab Sample ID: 220-7124-12TB

Date Sampled: 11/05/2008 0000

Client Matrix: Water

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21878	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: W0529.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/10/2008 1731		Final Weight/Volume: 5 mL
Date Prepared:	11/10/2008 1731		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J *	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	73		53 - 125	
4-Bromofluorobenzene	91		73 - 127	
Dibromofluoromethane	74		54 - 137	
Toluene-d8 (Surr)	67		63 - 121	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6

Lab Sample ID: 220-7124-13

Date Sampled: 11/05/2008 1245

Client Matrix: Water

Date Received: 11/05/2008 1858

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-21892	Instrument ID: HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID: V9555.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/11/2008 2054		Final Weight/Volume: 5 mL
Date Prepared:	11/11/2008 2054		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.0	U	1.0	10
Benzene	0.74	U	0.74	5.0
Bromodichloromethane	0.48	U	0.48	5.0
Bromoform	0.46	U	0.46	5.0
Bromomethane	2.1	U	2.1	5.0
Methyl Ethyl Ketone	1.1	U	1.1	10
Carbon disulfide	0.90	U	0.90	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.72	U	0.72	5.0
Chloroethane	1.1	U	1.1	5.0
Chloroform	0.67	U	0.67	5.0
Chloromethane	1.1	U	1.1	5.0
Dibromochloromethane	0.55	U	0.55	5.0
1,1-Dichloroethane	1.0	U	1.0	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	0.83	U	0.83	5.0
1,2-Dichloropropane	0.71	U	0.71	5.0
cis-1,3-Dichloropropene	0.28	U	0.28	5.0
trans-1,3-Dichloropropene	0.57	U	0.57	5.0
Ethylbenzene	0.87	U	0.87	5.0
2-Hexanone	1.1	U	1.1	10
Methylene Chloride	0.78	U	0.78	5.0
methyl isobutyl ketone	0.38	U	0.38	10
Styrene	0.64	U	0.64	5.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	5.0
Tetrachloroethene	0.81	U	0.81	5.0
Toluene	0.72	U	0.72	5.0
1,1,1-Trichloroethane	0.69	U	0.69	5.0
1,1,2-Trichloroethane	0.65	U	0.65	5.0
Trichloroethene	0.62	U	0.62	5.0
Vinyl chloride	0.99	U	0.99	5.0
Xylenes, Total	2.3	U	2.3	5.0
cis-1,2-Dichloroethene	0.99	U	0.99	5.0
trans-1,2-Dichloroethene	0.76	U	0.76	5.0
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		53 - 125	
4-Bromofluorobenzene	91		73 - 127	
Dibromofluoromethane	97		54 - 137	
Toluene-d8 (Surr)	94		63 - 121	

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (0.5'-2.5')

Lab Sample ID: 220-7124-1

Date Sampled: 11/04/2008 0910

Client Matrix: Solid

% Moisture: 10.6

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8168.D
Dilution:	1.0		Initial Weight/Volume: 15.19 g
Date Analyzed:	11/07/2008 1807		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		210	J	65	300
Acenaphthylene		150	J	68	300
Anthracene		340		66	300
Benzo[a]anthracene		1100		55	300
Benzo[a]pyrene		1000		41	300
Benzo[b]fluoranthene		1300		53	300
Benzo[g,h,i]perylene		1000		42	300
Benzo[k]fluoranthene		450		48	300
Bis(2-chloroethoxy)methane		61	U	61	300
Bis(2-chloroethyl)ether		84	U	84	300
Bis(2-ethylhexyl) phthalate		59	U	59	300
Butyl benzyl phthalate		60	U	60	300
Carbazole		190	J	59	300
Chrysene		1300		63	300
Di-n-butyl phthalate		70	U	70	300
Di-n-octyl phthalate		53	U	53	300
4-Bromophenyl phenyl ether		55	U	55	300
4-Chloroaniline		49	U	49	300
2-Chloronaphthalene		63	U	63	300
4-Chlorophenyl phenyl ether		63	U	63	300
Dibenz(a,h)anthracene		170	J	38	300
Dibenzofuran		220	J	65	300
Diethyl phthalate		69	U	69	300
Dimethyl phthalate		63	U	63	300
1,2-Dichlorobenzene		60	U	60	300
1,3-Dichlorobenzene		50	U	50	300
1,4-Dichlorobenzene		64	U	64	300
3,3'-Dichlorobenzidine		61	U	61	740
2,4-Dinitrotoluene		56	U	56	300
2,6-Dinitrotoluene		49	U	49	300
Fluoranthene		2500		66	300
Fluorene		170	J	68	300
Hexachlorobenzene		71	U	71	300
Hexachlorobutadiene		63	U	63	300
Hexachlorocyclopentadiene		93	U	93	410
Hexachloroethane		58	U	58	300
Indeno[1,2,3-cd]pyrene		1200		41	300
Isophorone		68	U	68	300
2-Methylnaphthalene		88	J	68	300
Naphthalene		150	J	65	300
2-Nitroaniline		59	U	59	1900
3-Nitroaniline		56	U	56	1900
Nitrobenzene		73	U	73	300
N-Nitrosodi-n-propylamine		74	U	74	300

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (0.5'-2.5')

Lab Sample ID: 220-7124-1

Date Sampled: 11/04/2008 0910

Client Matrix: Solid

% Moisture: 10.6

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8168.D
Dilution:	1.0		Initial Weight/Volume: 15.19 g
Date Analyzed:	11/07/2008 1807		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		60	U	60	300
Phenanthrene		2600		65	300
Pyrene		2500		73	300
1,2,4-Trichlorobenzene		60	U	60	300
4-Chloro-3-methylphenol		54	U	54	300
2-Chlorophenol		67	U	67	300
2-Methylphenol		54	U	54	300
4-Methylphenol		71	U	71	300
2,4-Dichlorophenol		62	U	62	300
2,4-Dimethylphenol		48	U	48	300
2,4-Dinitrophenol		400	U *	400	1900
4,6-Dinitro-2-methylphenol		27	U	27	1900
2-Nitrophenol		52	U	52	300
4-Nitrophenol		67	U	67	1900
Pentachlorophenol		37	U	37	1900
Phenol		61	U	61	300
2,4,5-Trichlorophenol		55	U	55	1900
2,4,6-Trichlorophenol		60	U	60	300
Benzyl alcohol		52	U	52	300
4-Nitroaniline		56	U	56	300
2,2'-oxybis[1-chloropropane]		71	U	71	300

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	32 - 131
2-Fluorophenol	64	25 - 113
2,4,6-Tribromophenol	75	24 - 150
Nitrobenzene-d5	65	25 - 120
Phenol-d5	66	27 - 122
Terphenyl-d14	89	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (6-7')

Lab Sample ID: 220-7124-2

Date Sampled: 11/04/2008 1330

Client Matrix: Solid

% Moisture: 11.2

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8169.D
Dilution:	1.0		Initial Weight/Volume: 15.11 g
Date Analyzed:	11/07/2008 1835		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		65	U	65	300
Acenaphthylene		69	U	69	300
Anthracene		67	U	67	300
Benzo[a]anthracene		94	J	56	300
Benzo[a]pyrene		81	J	42	300
Benzo[b]fluoranthene		87	J	54	300
Benzo[g,h,i]perylene		120	J	43	300
Benzo[k]fluoranthene		48	U	48	300
Bis(2-chloroethoxy)methane		62	U	62	300
Bis(2-chloroethyl)ether		85	U	85	300
Bis(2-ethylhexyl) phthalate		180	J	60	300
Butyl benzyl phthalate		61	U	61	300
Carbazole		60	U	60	300
Chrysene		110	J	64	300
Di-n-butyl phthalate		71	U	71	300
Di-n-octyl phthalate		53	U	53	300
4-Bromophenyl phenyl ether		55	U	55	300
4-Chloroaniline		49	U	49	300
2-Chloronaphthalene		64	U	64	300
4-Chlorophenyl phenyl ether		64	U	64	300
Dibenz(a,h)anthracene		38	U	38	300
Dibenzofuran		66	U	66	300
Diethyl phthalate		70	U	70	300
Dimethyl phthalate		64	U	64	300
1,2-Dichlorobenzene		60	U	60	300
1,3-Dichlorobenzene		50	U	50	300
1,4-Dichlorobenzene		65	U	65	300
3,3'-Dichlorobenzidine		62	U	62	750
2,4-Dinitrotoluene		57	U	57	300
2,6-Dinitrotoluene		50	U	50	300
Fluoranthene		110	J	67	300
Fluorene		69	U	69	300
Hexachlorobenzene		72	U	72	300
Hexachlorobutadiene		64	U	64	300
Hexachlorocyclopentadiene		94	U	94	410
Hexachloroethane		59	U	59	300
Indeno[1,2,3-cd]pyrene		110	J	41	300
Isophorone		69	U	69	300
2-Methylnaphthalene		69	U	69	300
Naphthalene		66	U	66	300
2-Nitroaniline		59	U	59	1900
3-Nitroaniline		57	U	57	1900
Nitrobenzene		73	U	73	300
N-Nitrosodi-n-propylamine		75	U	75	300

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (6-7')

Lab Sample ID: 220-7124-2

Date Sampled: 11/04/2008 1330

Client Matrix: Solid

% Moisture: 11.2

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8169.D
Dilution:	1.0		Initial Weight/Volume: 15.11 g
Date Analyzed:	11/07/2008 1835		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		60	U	60	300
Phenanthrene		72	J	66	300
Pyrene		180	J	74	300
1,2,4-Trichlorobenzene		61	U	61	300
4-Chloro-3-methylphenol		54	U	54	300
2-Chlorophenol		68	U	68	300
2-Methylphenol		55	U	55	300
4-Methylphenol		72	U	72	300
2,4-Dichlorophenol		63	U	63	300
2,4-Dimethylphenol		49	U	49	300
2,4-Dinitrophenol		410	U *	410	1900
4,6-Dinitro-2-methylphenol		27	U	27	1900
2-Nitrophenol		53	U	53	300
4-Nitrophenol		67	U	67	1900
Pentachlorophenol		37	U	37	1900
Phenol		62	U	62	300
2,4,5-Trichlorophenol		55	U	55	1900
2,4,6-Trichlorophenol		61	U	61	300
Benzyl alcohol		52	U	52	300
4-Nitroaniline		57	U	57	300
2,2'-oxybis[1-chloropropane]		72	U	72	300

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	72	32 - 131
2-Fluorophenol	60	25 - 113
2,4,6-Tribromophenol	76	24 - 150
Nitrobenzene-d5	62	25 - 120
Phenol-d5	65	27 - 122
Terphenyl-d14	86	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (2-4')

Lab Sample ID: 220-7124-3

Date Sampled: 11/04/2008 1050

Client Matrix: Solid

% Moisture: 10.1

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8170.D
Dilution:	1.0		Initial Weight/Volume: 15.52 g
Date Analyzed:	11/07/2008 1902		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		190	J	63	290
Acenaphthylene		190	J	66	290
Anthracene		450		64	290
Benzo[a]anthracene		1000		54	290
Benzo[a]pyrene		900		40	290
Benzo[b]fluoranthene		870		51	290
Benzo[g,h,i]perylene		680		41	290
Benzo[k]fluoranthene		300		46	290
Bis(2-chloroethoxy)methane		60	U	60	290
Bis(2-chloroethyl)ether		82	U	82	290
Bis(2-ethylhexyl) phthalate		250	J	57	290
Butyl benzyl phthalate		59	U	59	290
Carbazole		130	J	58	290
Chrysene		1000		61	290
Di-n-butyl phthalate		68	U	68	290
Di-n-octyl phthalate		51	U	51	290
4-Bromophenyl phenyl ether		53	U	53	290
4-Chloroaniline		47	U	47	290
2-Chloronaphthalene		62	U	62	290
4-Chlorophenyl phenyl ether		61	U	61	290
Dibenz(a,h)anthracene		220	J	37	290
Dibenzofuran		140	J	63	290
Diethyl phthalate		67	U	67	290
Dimethyl phthalate		61	U	61	290
1,2-Dichlorobenzene		58	U	58	290
1,3-Dichlorobenzene		48	U	48	290
1,4-Dichlorobenzene		62	U	62	290
3,3'-Dichlorobenzidine		60	U	60	720
2,4-Dinitrotoluene		55	U	55	290
2,6-Dinitrotoluene		48	U	48	290
Fluoranthene		2000		64	290
Fluorene		180	J	66	290
Hexachlorobenzene		69	U	69	290
Hexachlorobutadiene		62	U	62	290
Hexachlorocyclopentadiene		90	U	90	400
Hexachloroethane		56	U	56	290
Indeno[1,2,3-cd]pyrene		840		40	290
Isophorone		66	U	66	290
2-Methylnaphthalene		90	J	66	290
Naphthalene		150	J	63	290
2-Nitroaniline		57	U	57	1800
3-Nitroaniline		55	U	55	1800
Nitrobenzene		71	U	71	290
N-Nitrosodi-n-propylamine		72	U	72	290

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (2-4')

Lab Sample ID: 220-7124-3

Date Sampled: 11/04/2008 1050

Client Matrix: Solid

% Moisture: 10.1

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8170.D
Dilution:	1.0		Initial Weight/Volume: 15.52 g
Date Analyzed:	11/07/2008 1902		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		58	U	58	290
Phenanthrene		2000		63	290
Pyrene		2000		71	290
1,2,4-Trichlorobenzene		59	U	59	290
4-Chloro-3-methylphenol		52	U	52	290
2-Chlorophenol		65	U	65	290
2-Methylphenol		52	U	52	290
4-Methylphenol		69	U	69	290
2,4-Dichlorophenol		60	U	60	290
2,4-Dimethylphenol		47	U	47	290
2,4-Dinitrophenol		390	U *	390	1800
4,6-Dinitro-2-methylphenol		26	U	26	1800
2-Nitrophenol		51	U	51	290
4-Nitrophenol		65	U	65	1800
Pentachlorophenol		36	U	36	1800
Phenol		59	U	59	290
2,4,5-Trichlorophenol		53	U	53	1800
2,4,6-Trichlorophenol		59	U	59	290
Benzyl alcohol		50	U	50	290
4-Nitroaniline		55	U	55	290
2,2'-oxybis[1-chloropropane]		69	U	69	290

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	77	32 - 131
2-Fluorophenol	65	25 - 113
2,4,6-Tribromophenol	80	24 - 150
Nitrobenzene-d5	69	25 - 120
Phenol-d5	68	27 - 122
Terphenyl-d14	80	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (7-9')

Lab Sample ID: 220-7124-4

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 9.0

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8171.D
Dilution:	1.0		Initial Weight/Volume: 15.64 g
Date Analyzed:	11/07/2008 1930		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		62	U	62	280
Acenaphthylene		65	U	65	280
Anthracene		63	U	63	280
Benzo[a]anthracene		130	J	53	280
Benzo[a]pyrene		130	J	40	280
Benzo[b]fluoranthene		130	J	50	280
Benzo[g,h,i]perylene		100	J	40	280
Benzo[k]fluoranthene		49	J	46	280
Bis(2-chloroethoxy)methane		59	U	59	280
Bis(2-chloroethyl)ether		80	U	80	280
Bis(2-ethylhexyl) phthalate		1100		56	280
Butyl benzyl phthalate		58	U	58	280
Carbazole		57	U	57	280
Chrysene		150	J	60	280
Di-n-butyl phthalate		67	U	67	280
Di-n-octyl phthalate		50	U	50	280
4-Bromophenyl phenyl ether		52	U	52	280
4-Chloroaniline		46	U	46	280
2-Chloronaphthalene		61	U	61	280
4-Chlorophenyl phenyl ether		60	U	60	280
Dibenz(a,h)anthracene		36	U	36	280
Dibenzofuran		62	U	62	280
Diethyl phthalate		66	U	66	280
Dimethyl phthalate		60	U	60	280
1,2-Dichlorobenzene		57	U	57	280
1,3-Dichlorobenzene		47	U	47	280
1,4-Dichlorobenzene		61	U	61	280
3,3'-Dichlorobenzidine		59	U	59	710
2,4-Dinitrotoluene		54	U	54	280
2,6-Dinitrotoluene		47	U	47	280
Fluoranthene		230	J	63	280
Fluorene		65	U	65	280
Hexachlorobenzene		68	U	68	280
Hexachlorobutadiene		60	U	60	280
Hexachlorocyclopentadiene		88	U	88	390
Hexachloroethane		55	U	55	280
Indeno[1,2,3-cd]pyrene		120	J	39	280
Isophorone		65	U	65	280
2-Methylnaphthalene		65	U	65	280
Naphthalene		62	U	62	280
2-Nitroaniline		56	U	56	1800
3-Nitroaniline		54	U	54	1800
Nitrobenzene		69	U	69	280
N-Nitrosodi-n-propylamine		71	U	71	280

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-2 (7-9')

Lab Sample ID: 220-7124-4
Client Matrix: Solid

% Moisture: 9.0

Date Sampled: 11/04/2008 1530
Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8171.D
Dilution:	1.0		Initial Weight/Volume: 15.64 g
Date Analyzed:	11/07/2008 1930		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		57	U	57	280
Phenanthrene		190	J	62	280
Pyrene		260	J	70	280
1,2,4-Trichlorobenzene		58	U	58	280
4-Chloro-3-methylphenol		51	U	51	280
2-Chlorophenol		64	U	64	280
2-Methylphenol		51	U	51	280
4-Methylphenol		68	U	68	280
2,4-Dichlorophenol		59	U	59	280
2,4-Dimethylphenol		46	U	46	280
2,4-Dinitrophenol		380	U *	380	1800
4,6-Dinitro-2-methylphenol		26	U	26	1800
2-Nitrophenol		50	U	50	280
4-Nitrophenol		64	U	64	1800
Pentachlorophenol		35	U	35	1800
Phenol		58	U	58	280
2,4,5-Trichlorophenol		52	U	52	1800
2,4,6-Trichlorophenol		57	U	57	280
Benzyl alcohol		49	U	49	280
4-Nitroaniline		53	U	53	280
2,2'-oxybis[1-chloropropane]		68	U	68	280

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	32 - 131
2-Fluorophenol	55	25 - 113
2,4,6-Tribromophenol	52	24 - 150
Nitrobenzene-d5	67	25 - 120
Phenol-d5	63	27 - 122
Terphenyl-d14	78	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-1 (2-4')

Lab Sample ID: 220-7124-5

Date Sampled: 11/04/2008 1430

Client Matrix: Solid

% Moisture: 10.2

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8172.D
Dilution:	1.0		Initial Weight/Volume: 15.13 g
Date Analyzed:	11/07/2008 1957		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		64	U	64	300
Acenaphthylene		68	U	68	300
Anthracene		66	U	66	300
Benzo[a]anthracene		55	U	55	300
Benzo[a]pyrene		41	U	41	300
Benzo[b]fluoranthene		53	U	53	300
Benzo[g,h,i]perylene		42	U	42	300
Benzo[k]fluoranthene		48	U	48	300
Bis(2-chloroethoxy)methane		61	U	61	300
Bis(2-chloroethyl)ether		84	U	84	300
Bis(2-ethylhexyl) phthalate		59	U	59	300
Butyl benzyl phthalate		60	U	60	300
Carbazole		59	U	59	300
Chrysene		63	U	63	300
Di-n-butyl phthalate		70	U	70	300
Di-n-octyl phthalate		53	U	53	300
4-Bromophenyl phenyl ether		55	U	55	300
4-Chloroaniline		48	U	48	300
2-Chloronaphthalene		63	U	63	300
4-Chlorophenyl phenyl ether		63	U	63	300
Dibenz(a,h)anthracene		38	U	38	300
Dibenzofuran		65	U	65	300
Diethyl phthalate		69	U	69	300
Dimethyl phthalate		63	U	63	300
1,2-Dichlorobenzene		60	U	60	300
1,3-Dichlorobenzene		50	U	50	300
1,4-Dichlorobenzene		64	U	64	300
3,3'-Dichlorobenzidine		61	U	61	740
2,4-Dinitrotoluene		56	U	56	300
2,6-Dinitrotoluene		49	U	49	300
Fluoranthene		66	U	66	300
Fluorene		68	U	68	300
Hexachlorobenzene		71	U	71	300
Hexachlorobutadiene		63	U	63	300
Hexachlorocyclopentadiene		93	U	93	410
Hexachloroethane		58	U	58	300
Indeno[1,2,3-cd]pyrene		41	U	41	300
Isophorone		68	U	68	300
2-Methylnaphthalene		68	U	68	300
Naphthalene		65	U	65	300
2-Nitroaniline		59	U	59	1900
3-Nitroaniline		56	U	56	1900
Nitrobenzene		72	U	72	300
N-Nitrosodi-n-propylamine		74	U	74	300

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-1 (2-4')

Lab Sample ID: 220-7124-5

Date Sampled: 11/04/2008 1430

Client Matrix: Solid

% Moisture: 10.2

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8172.D
Dilution:	1.0		Initial Weight/Volume: 15.13 g
Date Analyzed:	11/07/2008 1957		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		60	U	60	300
Phenanthrene		65	U	65	300
Pyrene		73	U	73	300
1,2,4-Trichlorobenzene		60	U	60	300
4-Chloro-3-methylphenol		54	U	54	300
2-Chlorophenol		67	U	67	300
2-Methylphenol		54	U	54	300
4-Methylphenol		71	U	71	300
2,4-Dichlorophenol		62	U	62	300
2,4-Dimethylphenol		48	U	48	300
2,4-Dinitrophenol		400	U *	400	1900
4,6-Dinitro-2-methylphenol		27	U	27	1900
2-Nitrophenol		52	U	52	300
4-Nitrophenol		67	U	67	1900
Pentachlorophenol		37	U	37	1900
Phenol		61	U	61	300
2,4,5-Trichlorophenol		55	U	55	1900
2,4,6-Trichlorophenol		60	U	60	300
Benzyl alcohol		52	U	52	300
4-Nitroaniline		56	U	56	300
2,2'-oxybis[1-chloropropane]		71	U	71	300

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	71	32 - 131
2-Fluorophenol	66	25 - 113
2,4,6-Tribromophenol	71	24 - 150
Nitrobenzene-d5	68	25 - 120
Phenol-d5	63	27 - 122
Terphenyl-d14	80	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5 (2-4')

Lab Sample ID: 220-7124-6

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 13.4

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21921	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: A2515.D
Dilution:	5.0		Initial Weight/Volume: 15.09 g
Date Analyzed:	11/11/2008 1609		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		1700		340	1500
Acenaphthylene		2300		350	1500
Anthracene		4700		340	1500
Benzo[a]anthracene		13000		290	1500
Benzo[a]pyrene		9900		220	1500
Benzo[b]fluoranthene		11000		270	1500
Benzo[g,h,i]perylene		4700		220	1500
Benzo[k]fluoranthene		4100		250	1500
Bis(2-chloroethoxy)methane		320	U	320	1500
Bis(2-chloroethyl)ether		440	U	440	1500
Bis(2-ethylhexyl) phthalate		310	U	310	1500
Butyl benzyl phthalate		310	U	310	1500
Carbazole		1400	J	310	1500
Chrysene		12000		330	1500
Di-n-butyl phthalate		360	U	360	1500
Di-n-octyl phthalate		270	U	270	1500
4-Bromophenyl phenyl ether		280	U	280	1500
4-Chloroaniline		250	U	250	1500
2-Chloronaphthalene		330	U	330	1500
4-Chlorophenyl phenyl ether		330	U	330	1500
Dibenz(a,h)anthracene		2800		200	1500
Dibenzofuran		1100	J	340	1500
Diethyl phthalate		360	U	360	1500
Dimethyl phthalate		330	U	330	1500
1,2-Dichlorobenzene		310	U	310	1500
1,3-Dichlorobenzene		260	U	260	1500
1,4-Dichlorobenzene		330	U	330	1500
3,3'-Dichlorobenzidine		320	U	320	3800
2,4-Dinitrotoluene		290	U	290	1500
2,6-Dinitrotoluene		260	U	260	1500
Fluoranthene		26000		340	1500
Fluorene		1100	J	350	1500
Hexachlorobenzene		370	U	370	1500
Hexachlorobutadiene		330	U	330	1500
Hexachlorocyclopentadiene		480	U	480	2100
Hexachloroethane		300	U	300	1500
Indeno[1,2,3-cd]pyrene		6000		210	1500
Isophorone		350	U	350	1500
2-Methylnaphthalene		670	J	350	1500
Naphthalene		1500	J	340	1500
2-Nitroaniline		300	U	300	9800
3-Nitroaniline		290	U	290	9800
Nitrobenzene		380	U	380	1500
N-Nitrosodi-n-propylamine		380	U	380	1500

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5 (2-4')

Lab Sample ID: 220-7124-6

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 13.4

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21921	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: A2515.D
Dilution:	5.0		Initial Weight/Volume: 15.09 g
Date Analyzed:	11/11/2008 1609		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		310	U	310	1500
Phenanthrene		19000		340	1500
Pyrene		20000		380	1500
1,2,4-Trichlorobenzene		310	U	310	1500
4-Chloro-3-methylphenol		280	U	280	1500
2-Chlorophenol		350	U	350	1500
2-Methylphenol		280	U	280	1500
4-Methylphenol		370	U	370	1500
2,4-Dichlorophenol		320	U	320	1500
2,4-Dimethylphenol		250	U	250	1500
2,4-Dinitrophenol		2100	U *	2100	9800
4,6-Dinitro-2-methylphenol		140	U	140	9800
2-Nitrophenol		270	U	270	1500
4-Nitrophenol		350	U	350	9800
Pentachlorophenol		190	U	190	9800
Phenol		320	U	320	1500
2,4,5-Trichlorophenol		280	U	280	9800
2,4,6-Trichlorophenol		310	U	310	1500
Benzyl alcohol		270	U	270	1500
4-Nitroaniline		290	U	290	1500
2,2'-oxybis[1-chloropropane]		370	U	370	1500

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	85	32 - 131
2-Fluorophenol	80	25 - 113
2,4,6-Tribromophenol	60	24 - 150
Nitrobenzene-d5	79	25 - 120
Phenol-d5	82	27 - 122
Terphenyl-d14	75	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (1-3')

Lab Sample ID: 220-7124-7

Date Sampled: 11/05/2008 1350

Client Matrix: Solid

% Moisture: 4.4

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8174.D
Dilution:	1.0		Initial Weight/Volume: 15.46 g
Date Analyzed:	11/07/2008 2052		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		59	U	59	270
Acenaphthylene		63	U	63	270
Anthracene		60	U	60	270
Benzo[a]anthracene		51	U	51	270
Benzo[a]pyrene		38	U	38	270
Benzo[b]fluoranthene		49	U	49	270
Benzo[g,h,i]perylene		39	U	39	270
Benzo[k]fluoranthene		44	U	44	270
Bis(2-chloroethoxy)methane		56	U	56	270
Bis(2-chloroethyl)ether		77	U	77	270
Bis(2-ethylhexyl) phthalate		54	U	54	270
Butyl benzyl phthalate		55	U	55	270
Carbazole		54	U	54	270
Chrysene		58	U	58	270
Di-n-butyl phthalate		64	U	64	270
Di-n-octyl phthalate		48	U	48	270
4-Bromophenyl phenyl ether		50	U	50	270
4-Chloroaniline		45	U	45	270
2-Chloronaphthalene		58	U	58	270
4-Chlorophenyl phenyl ether		58	U	58	270
Dibenz(a,h)anthracene		34	U	34	270
Dibenzofuran		60	U	60	270
Diethyl phthalate		64	U	64	270
Dimethyl phthalate		58	U	58	270
1,2-Dichlorobenzene		55	U	55	270
1,3-Dichlorobenzene		46	U	46	270
1,4-Dichlorobenzene		59	U	59	270
3,3'-Dichlorobenzidine		56	U	56	680
2,4-Dinitrotoluene		52	U	52	270
2,6-Dinitrotoluene		45	U	45	270
Fluoranthene		63	J	61	270
Fluorene		62	U	62	270
Hexachlorobenzene		65	U	65	270
Hexachlorobutadiene		58	U	58	270
Hexachlorocyclopentadiene		85	U	85	380
Hexachloroethane		53	U	53	270
Indeno[1,2,3-cd]pyrene		37	U	37	270
Isophorone		63	U	63	270
2-Methylnaphthalene		63	U	63	270
Naphthalene		60	U	60	270
2-Nitroaniline		54	U	54	1700
3-Nitroaniline		52	U	52	1700
Nitrobenzene		67	U	67	270
N-Nitrosodi-n-propylamine		68	U	68	270

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-9 (1-3')

Lab Sample ID: 220-7124-7
Client Matrix: Solid

% Moisture: 4.4

Date Sampled: 11/05/2008 1350
Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8174.D
Dilution:	1.0		Initial Weight/Volume: 15.46 g
Date Analyzed:	11/07/2008 2052		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		55	U	55	270
Phenanthrene		59	U	59	270
Pyrene		67	U	67	270
1,2,4-Trichlorobenzene		55	U	55	270
4-Chloro-3-methylphenol		49	U	49	270
2-Chlorophenol		62	U	62	270
2-Methylphenol		50	U	50	270
4-Methylphenol		65	U	65	270
2,4-Dichlorophenol		57	U	57	270
2,4-Dimethylphenol		44	U	44	270
2,4-Dinitrophenol		370	U *	370	1700
4,6-Dinitro-2-methylphenol		25	U	25	1700
2-Nitrophenol		48	U	48	270
4-Nitrophenol		61	U	61	1700
Pentachlorophenol		34	U	34	1700
Phenol		56	U	56	270
2,4,5-Trichlorophenol		50	U	50	1700
2,4,6-Trichlorophenol		55	U	55	270
Benzyl alcohol		47	U	47	270
4-Nitroaniline		51	U	51	270
2,2'-oxybis[1-chloropropane]		65	U	65	270

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	68	32 - 131
2-Fluorophenol	61	25 - 113
2,4,6-Tribromophenol	59	24 - 150
Nitrobenzene-d5	64	25 - 120
Phenol-d5	61	27 - 122
Terphenyl-d14	73	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8

Date Sampled: 11/05/2008 1420

Client Matrix: Solid

% Moisture: 9.1

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8176.D
Dilution:	1.0		Initial Weight/Volume: 15.49 g
Date Analyzed:	11/07/2008 2147		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		62	U	62	290
Acenaphthylene		66	U	66	290
Anthracene		68	J	63	290
Benzo[a]anthracene		240	J	53	290
Benzo[a]pyrene		210	J	40	290
Benzo[b]fluoranthene		220	J	51	290
Benzo[g,h,i]perylene		170	J	41	290
Benzo[k]fluoranthene		82	J	46	290
Bis(2-chloroethoxy)methane		59	U	59	290
Bis(2-chloroethyl)ether		81	U	81	290
Bis(2-ethylhexyl) phthalate		57	U	57	290
Butyl benzyl phthalate		58	U	58	290
Carbazole		57	U	57	290
Chrysene		260	J	61	290
Di-n-butyl phthalate		67	U	67	290
Di-n-octyl phthalate		51	U	51	290
4-Bromophenyl phenyl ether		53	U	53	290
4-Chloroaniline		47	U	47	290
2-Chloronaphthalene		61	U	61	290
4-Chlorophenyl phenyl ether		61	U	61	290
Dibenz(a,h)anthracene		36	U	36	290
Dibenzofuran		63	U	63	290
Diethyl phthalate		67	U	67	290
Dimethyl phthalate		61	U	61	290
1,2-Dichlorobenzene		57	U	57	290
1,3-Dichlorobenzene		48	U	48	290
1,4-Dichlorobenzene		62	U	62	290
3,3'-Dichlorobenzidine		59	U	59	710
2,4-Dinitrotoluene		54	U	54	290
2,6-Dinitrotoluene		48	U	48	290
Fluoranthene		430		64	290
Fluorene		65	U	65	290
Hexachlorobenzene		69	U	69	290
Hexachlorobutadiene		61	U	61	290
Hexachlorocyclopentadiene		89	U	89	390
Hexachloroethane		56	U	56	290
Indeno[1,2,3-cd]pyrene		210	J	39	290
Isophorone		66	U	66	290
2-Methylnaphthalene		66	U	66	290
Naphthalene		63	U	63	290
2-Nitroaniline		56	U	56	1800
3-Nitroaniline		54	U	54	1800
Nitrobenzene		70	U	70	290
N-Nitrosodi-n-propylamine		71	U	71	290

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8

Date Sampled: 11/05/2008 1420

Client Matrix: Solid

% Moisture: 9.1

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8176.D
Dilution:	1.0		Initial Weight/Volume: 15.49 g
Date Analyzed:	11/07/2008 2147		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		58	U	58	290
Phenanthrene		250	J	62	290
Pyrene		490		71	290
1,2,4-Trichlorobenzene		58	U	58	290
4-Chloro-3-methylphenol		52	U	52	290
2-Chlorophenol		65	U	65	290
2-Methylphenol		52	U	52	290
4-Methylphenol		69	U	69	290
2,4-Dichlorophenol		60	U	60	290
2,4-Dimethylphenol		47	U	47	290
2,4-Dinitrophenol		390	U *	390	1800
4,6-Dinitro-2-methylphenol		26	U	26	1800
2-Nitrophenol		50	U	50	290
4-Nitrophenol		64	U	64	1800
Pentachlorophenol		35	U	35	1800
Phenol		59	U	59	290
2,4,5-Trichlorophenol		53	U	53	1800
2,4,6-Trichlorophenol		58	U	58	290
Benzyl alcohol		50	U	50	290
4-Nitroaniline		54	U	54	290
2,2'-oxybis[1-chloropropane]		68	U	68	290

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	68	32 - 131
2-Fluorophenol	63	25 - 113
2,4,6-Tribromophenol	70	24 - 150
Nitrobenzene-d5	63	25 - 120
Phenol-d5	63	27 - 122
Terphenyl-d14	81	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6 (4-5)

Lab Sample ID: 220-7124-9

Date Sampled: 11/05/2008 1235

Client Matrix: Solid

% Moisture: 13.8

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8175.D
Dilution:	1.0		Initial Weight/Volume: 15.75 g
Date Analyzed:	11/07/2008 2120		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		65	U	65	300
Acenaphthylene		68	U	68	300
Anthracene		66	U	66	300
Benzo[a]anthracene		55	U	55	300
Benzo[a]pyrene		41	U	41	300
Benzo[b]fluoranthene		53	U	53	300
Benzo[g,h,i]perylene		42	U	42	300
Benzo[k]fluoranthene		48	U	48	300
Bis(2-chloroethoxy)methane		61	U	61	300
Bis(2-chloroethyl)ether		84	U	84	300
Bis(2-ethylhexyl) phthalate		59	U	59	300
Butyl benzyl phthalate		60	U	60	300
Carbazole		59	U	59	300
Chrysene		63	U	63	300
Di-n-butyl phthalate		70	U	70	300
Di-n-octyl phthalate		53	U	53	300
4-Bromophenyl phenyl ether		55	U	55	300
4-Chloroaniline		49	U	49	300
2-Chloronaphthalene		63	U	63	300
4-Chlorophenyl phenyl ether		63	U	63	300
Dibenz(a,h)anthracene		38	U	38	300
Dibenzofuran		65	U	65	300
Diethyl phthalate		69	U	69	300
Dimethyl phthalate		63	U	63	300
1,2-Dichlorobenzene		60	U	60	300
1,3-Dichlorobenzene		50	U	50	300
1,4-Dichlorobenzene		64	U	64	300
3,3'-Dichlorobenzidine		61	U	61	740
2,4-Dinitrotoluene		56	U	56	300
2,6-Dinitrotoluene		49	U	49	300
Fluoranthene		66	U	66	300
Fluorene		68	U	68	300
Hexachlorobenzene		71	U	71	300
Hexachlorobutadiene		63	U	63	300
Hexachlorocyclopentadiene		93	U	93	410
Hexachloroethane		58	U	58	300
Indeno[1,2,3-cd]pyrene		41	U	41	300
Isophorone		68	U	68	300
2-Methylnaphthalene		68	U	68	300
Naphthalene		65	U	65	300
2-Nitroaniline		59	U	59	1900
3-Nitroaniline		56	U	56	1900
Nitrobenzene		73	U	73	300
N-Nitrosodi-n-propylamine		74	U	74	300

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-6 (4-5)

Lab Sample ID: 220-7124-9
Client Matrix: Solid

% Moisture: 13.8

Date Sampled: 11/05/2008 1235
Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21808	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-21734	Lab File ID: Z8175.D
Dilution:	1.0		Initial Weight/Volume: 15.75 g
Date Analyzed:	11/07/2008 2120		Final Weight/Volume: 1 mL
Date Prepared:	11/05/2008 2138		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		60	U	60	300
Phenanthrene		65	U	65	300
Pyrene		73	U	73	300
1,2,4-Trichlorobenzene		60	U	60	300
4-Chloro-3-methylphenol		54	U	54	300
2-Chlorophenol		67	U	67	300
2-Methylphenol		54	U	54	300
4-Methylphenol		71	U	71	300
2,4-Dichlorophenol		62	U	62	300
2,4-Dimethylphenol		48	U	48	300
2,4-Dinitrophenol		400	U *	400	1900
4,6-Dinitro-2-methylphenol		27	U	27	1900
2-Nitrophenol		52	U	52	300
4-Nitrophenol		67	U	67	1900
Pentachlorophenol		37	U	37	1900
Phenol		61	U	61	300
2,4,5-Trichlorophenol		55	U	55	1900
2,4,6-Trichlorophenol		60	U	60	300
Benzyl alcohol		52	U	52	300
4-Nitroaniline		56	U	56	300
2,2'-oxybis[1-chloropropane]		71	U	71	300

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	68	32 - 131
2-Fluorophenol	63	25 - 113
2,4,6-Tribromophenol	71	24 - 150
Nitrobenzene-d5	65	25 - 120
Phenol-d5	61	27 - 122
Terphenyl-d14	74	35 - 140

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2

Lab Sample ID: 220-7124-10

Date Sampled: 11/04/2008 1130

Client Matrix: Water

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21812	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21759	Lab File ID: A2485.D
Dilution:	1.0		Initial Weight/Volume: 920 mL
Date Analyzed:	11/07/2008 2251		Final Weight/Volume: 1 mL
Date Prepared:	11/06/2008 1445		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.41	U	0.41	4.3
Acenaphthylene	0.51	U	0.51	4.3
Anthracene	0.46	U	0.46	4.3
Benzo[a]anthracene	0.40	U	0.40	4.3
Benzo[a]pyrene	0.40	U	0.40	4.3
Benzo[b]fluoranthene	0.41	U	0.41	4.3
Benzo[g,h,i]perylene	0.32	U	0.32	4.3
Benzo[k]fluoranthene	0.47	U	0.47	4.3
Bis(2-chloroethoxy)methane	1.2	U	1.2	4.3
Bis(2-chloroethyl)ether	1.1	U	1.1	4.3
Bis(2-ethylhexyl) phthalate	0.54	U	0.54	4.3
Butyl benzyl phthalate	0.52	U	0.52	4.3
Carbazole	0.38	U	0.38	4.3
Chrysene	0.43	U	0.43	4.3
Di-n-butyl phthalate	0.53	U	0.53	4.3
Di-n-octyl phthalate	0.49	U	0.49	4.3
4-Bromophenyl phenyl ether	0.53	U	0.53	4.3
4-Chloroaniline	0.73	U	0.73	4.3
2-Chloronaphthalene	0.53	U	0.53	4.3
4-Chlorophenyl phenyl ether	0.53	U	0.53	4.3
Dibenz(a,h)anthracene	0.35	U	0.35	4.3
Dibenzofuran	0.42	U	0.42	4.3
Diethyl phthalate	0.46	U	0.46	4.3
Dimethyl phthalate	0.36	U	0.36	4.3
1,2-Dichlorobenzene	0.52	U	0.52	4.3
1,3-Dichlorobenzene	0.47	U	0.47	4.3
1,4-Dichlorobenzene	0.55	U	0.55	4.3
3,3'-Dichlorobenzidine	0.72	U	0.72	4.3
2,4-Dinitrotoluene	0.33	U	0.33	4.3
2,6-Dinitrotoluene	0.46	U	0.46	4.3
Fluoranthene	0.46	U	0.46	4.3
Fluorene	0.52	U	0.52	4.3
Hexachlorobenzene	0.52	U	0.52	4.3
Hexachlorobutadiene	0.93	U	0.93	4.3
Hexachlorocyclopentadiene	0.82	U	0.82	4.3
Hexachloroethane	0.57	U	0.57	4.3
Indeno[1,2,3-cd]pyrene	0.45	U	0.45	4.3
Isophorone	0.41	U	0.41	4.3
2-Methylnaphthalene	0.51	U	0.51	4.3
Naphthalene	0.46	U	0.46	4.3
2-Nitroaniline	0.58	U	0.58	4.3
3-Nitroaniline	0.40	U	0.40	4.3
Nitrobenzene	0.79	U	0.79	4.3
N-Nitrosodi-n-propylamine	0.45	U	0.45	4.3

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2

Lab Sample ID: 220-7124-10

Date Sampled: 11/04/2008 1130

Client Matrix: Water

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21812	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21759	Lab File ID: A2485.D
Dilution:	1.0		Initial Weight/Volume: 920 mL
Date Analyzed:	11/07/2008 2251		Final Weight/Volume: 1 mL
Date Prepared:	11/06/2008 1445		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	0.38	U	0.38	4.3
Phenanthrene	0.42	U	0.42	4.3
Pyrene	0.46	U	0.46	4.3
1,2,4-Trichlorobenzene	0.71	U	0.71	4.3
4-Chloro-3-methylphenol	1.5	U	1.5	5.4
2-Chlorophenol	0.66	U	0.66	4.3
2-Methylphenol	0.65	U	0.65	4.3
4-Methylphenol	37		0.42	4.3
2,4-Dichlorophenol	0.60	U	0.60	4.3
2,4-Dimethylphenol	0.54	U	0.54	4.3
2,4-Dinitrophenol	1.2	U	1.2	27
4,6-Dinitro-2-methylphenol	0.40	U	0.40	27
2-Nitrophenol	0.55	U	0.55	4.3
4-Nitrophenol	0.41	U	0.41	11
Pentachlorophenol	1.3	U	1.3	27
Phenol	0.32	U	0.32	4.3
2,4,5-Trichlorophenol	0.59	U	0.59	11
2,4,6-Trichlorophenol	0.53	U	0.53	4.3
Benzyl alcohol	0.42	U	0.42	4.3
4-Nitroaniline	0.30	U	0.30	4.3
2,2'-oxybis[1-chloropropane]	0.77	U	0.77	4.3

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	43 - 116
2-Fluorophenol	32	21 - 97
2,4,6-Tribromophenol	68	29 - 126
Nitrobenzene-d5	66	38 - 113
Phenol-d5	22	18 - 97
Terphenyl-d14	79	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11

Date Sampled: 11/05/2008 1036

Client Matrix: Water

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21812	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21759	Lab File ID: A2479.D
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/07/2008 2021		Final Weight/Volume: 1 mL
Date Prepared:	11/06/2008 1445		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.42	U	0.42	4.4
Acenaphthylene	0.52	U	0.52	4.4
Anthracene	1.1	J	0.47	4.4
Benzo[a]anthracene	2.8	J	0.41	4.4
Benzo[a]pyrene	2.0	J	0.41	4.4
Benzo[b]fluoranthene	2.6	J	0.42	4.4
Benzo[g,h,i]perylene	3.5	J	0.32	4.4
Benzo[k]fluoranthene	1.1	J	0.48	4.4
Bis(2-chloroethoxy)methane	1.3	U	1.3	4.4
Bis(2-chloroethyl)ether	1.2	U	1.2	4.4
Bis(2-ethylhexyl) phthalate	11		0.56	4.4
Butyl benzyl phthalate	0.53	U	0.53	4.4
Carbazole	0.72	J	0.39	4.4
Chrysene	2.8	J	0.44	4.4
Di-n-butyl phthalate	0.70	J	0.54	4.4
Di-n-octyl phthalate	0.50	U	0.50	4.4
4-Bromophenyl phenyl ether	0.54	U	0.54	4.4
4-Chloroaniline	0.74	U	0.74	4.4
2-Chloronaphthalene	0.54	U	0.54	4.4
4-Chlorophenyl phenyl ether	0.54	U	0.54	4.4
Dibenz(a,h)anthracene	0.36	U	0.36	4.4
Dibenzofuran	0.43	U	0.43	4.4
Diethyl phthalate	0.47	U	0.47	4.4
Dimethyl phthalate	0.37	U	0.37	4.4
1,2-Dichlorobenzene	0.53	U	0.53	4.4
1,3-Dichlorobenzene	0.48	U	0.48	4.4
1,4-Dichlorobenzene	0.57	U	0.57	4.4
3,3'-Dichlorobenzidine	0.73	U	0.73	4.4
2,4-Dinitrotoluene	0.33	U	0.33	4.4
2,6-Dinitrotoluene	0.47	U	0.47	4.4
Fluoranthene	5.8		0.47	4.4
Fluorene	0.53	U	0.53	4.4
Hexachlorobenzene	0.53	U	0.53	4.4
Hexachlorobutadiene	0.96	U	0.96	4.4
Hexachlorocyclopentadiene	0.83	U	0.83	4.4
Hexachloroethane	0.58	U	0.58	4.4
Indeno[1,2,3-cd]pyrene	6.3		0.46	4.4
Isophorone	0.42	U	0.42	4.4
2-Methylnaphthalene	0.52	U	0.52	4.4
Naphthalene	0.47	U	0.47	4.4
2-Nitroaniline	0.59	U	0.59	4.4
3-Nitroaniline	0.41	U	0.41	4.4
Nitrobenzene	0.81	U	0.81	4.4
N-Nitrosodi-n-propylamine	0.46	U	0.46	4.4

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11

Date Sampled: 11/05/2008 1036

Client Matrix: Water

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21812	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21759	Lab File ID: A2479.D
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/07/2008 2021		Final Weight/Volume: 1 mL
Date Prepared:	11/06/2008 1445		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	0.39	U	0.39	4.4
Phenanthrene	5.1		0.43	4.4
Pyrene	5.0		0.47	4.4
1,2,4-Trichlorobenzene	0.72	U	0.72	4.4
4-Chloro-3-methylphenol	1.5	U	1.5	5.6
2-Chlorophenol	0.68	U	0.68	4.4
2-Methylphenol	0.67	U	0.67	4.4
4-Methylphenol	0.43	U	0.43	4.4
2,4-Dichlorophenol	0.61	U	0.61	4.4
2,4-Dimethylphenol	0.56	U	0.56	4.4
2,4-Dinitrophenol	1.2	U	1.2	28
4,6-Dinitro-2-methylphenol	0.41	U	0.41	28
2-Nitrophenol	0.57	U	0.57	4.4
4-Nitrophenol	0.42	U	0.42	11
Pentachlorophenol	1.3	U	1.3	28
Phenol	0.32	U	0.32	4.4
2,4,5-Trichlorophenol	0.60	U	0.60	11
2,4,6-Trichlorophenol	0.54	U	0.54	4.4
Benzyl alcohol	0.43	U	0.43	4.4
4-Nitroaniline	0.31	U	0.31	4.4
2,2'-oxybis[1-chloropropane]	0.79	U	0.79	4.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	65	43 - 116
2-Fluorophenol	35	21 - 97
2,4,6-Tribromophenol	64	29 - 126
Nitrobenzene-d5	66	38 - 113
Phenol-d5	24	18 - 97
Terphenyl-d14	48	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6

Lab Sample ID: 220-7124-13

Date Sampled: 11/05/2008 1245

Client Matrix: Water

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21812	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21759	Lab File ID: A2480.D
Dilution:	1.0		Initial Weight/Volume: 950 mL
Date Analyzed:	11/07/2008 2046		Final Weight/Volume: 1 mL
Date Prepared:	11/06/2008 1445		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.40	U	0.40	4.2
Acenaphthylene	0.49	U	0.49	4.2
Anthracene	0.44	U	0.44	4.2
Benzo[a]anthracene	0.39	U	0.39	4.2
Benzo[a]pyrene	0.39	U	0.39	4.2
Benzo[b]fluoranthene	0.40	U	0.40	4.2
Benzo[g,h,i]perylene	0.31	U	0.31	4.2
Benzo[k]fluoranthene	0.45	U	0.45	4.2
Bis(2-chloroethoxy)methane	1.2	U	1.2	4.2
Bis(2-chloroethyl)ether	1.1	U	1.1	4.2
Bis(2-ethylhexyl) phthalate	3.7	J	0.53	4.2
Butyl benzyl phthalate	0.51	U	0.51	4.2
Carbazole	0.37	U	0.37	4.2
Chrysene	0.42	U	0.42	4.2
Di-n-butyl phthalate	0.52	U	0.52	4.2
Di-n-octyl phthalate	0.47	U	0.47	4.2
4-Bromophenyl phenyl ether	0.52	U	0.52	4.2
4-Chloroaniline	0.71	U	0.71	4.2
2-Chloronaphthalene	0.52	U	0.52	4.2
4-Chlorophenyl phenyl ether	0.52	U	0.52	4.2
Dibenz(a,h)anthracene	0.34	U	0.34	4.2
Dibenzofuran	0.41	U	0.41	4.2
Diethyl phthalate	0.44	U	0.44	4.2
Dimethyl phthalate	0.35	U	0.35	4.2
1,2-Dichlorobenzene	0.51	U	0.51	4.2
1,3-Dichlorobenzene	0.45	U	0.45	4.2
1,4-Dichlorobenzene	0.54	U	0.54	4.2
3,3'-Dichlorobenzidine	0.69	U	0.69	4.2
2,4-Dinitrotoluene	0.32	U	0.32	4.2
2,6-Dinitrotoluene	0.44	U	0.44	4.2
Fluoranthene	0.44	U	0.44	4.2
Fluorene	0.51	U	0.51	4.2
Hexachlorobenzene	0.51	U	0.51	4.2
Hexachlorobutadiene	0.91	U	0.91	4.2
Hexachlorocyclopentadiene	0.79	U	0.79	4.2
Hexachloroethane	0.55	U	0.55	4.2
Indeno[1,2,3-cd]pyrene	0.43	U	0.43	4.2
Isophorone	0.40	U	0.40	4.2
2-Methylnaphthalene	0.49	U	0.49	4.2
Naphthalene	0.84	J	0.44	4.2
2-Nitroaniline	0.56	U	0.56	4.2
3-Nitroaniline	0.39	U	0.39	4.2
Nitrobenzene	0.77	U	0.77	4.2
N-Nitrosodi-n-propylamine	0.43	U	0.43	4.2

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6

Lab Sample ID: 220-7124-13

Date Sampled: 11/05/2008 1245

Client Matrix: Water

Date Received: 11/05/2008 1858

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-21812	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-21759	Lab File ID: A2480.D
Dilution:	1.0		Initial Weight/Volume: 950 mL
Date Analyzed:	11/07/2008 2046		Final Weight/Volume: 1 mL
Date Prepared:	11/06/2008 1445		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	0.37	U	0.37	4.2
Phenanthrene	0.41	U	0.41	4.2
Pyrene	0.44	U	0.44	4.2
1,2,4-Trichlorobenzene	0.68	U	0.68	4.2
4-Chloro-3-methylphenol	1.4	U	1.4	5.3
2-Chlorophenol	0.64	U	0.64	4.2
2-Methylphenol	0.63	U	0.63	4.2
4-Methylphenol	0.41	U	0.41	4.2
2,4-Dichlorophenol	0.58	U	0.58	4.2
2,4-Dimethylphenol	0.53	U	0.53	4.2
2,4-Dinitrophenol	1.2	U	1.2	26
4,6-Dinitro-2-methylphenol	0.39	U	0.39	26
2-Nitrophenol	0.54	U	0.54	4.2
4-Nitrophenol	0.40	U	0.40	11
Pentachlorophenol	1.3	U	1.3	26
Phenol	0.31	U	0.31	4.2
2,4,5-Trichlorophenol	0.57	U	0.57	11
2,4,6-Trichlorophenol	0.52	U	0.52	4.2
Benzyl alcohol	0.41	U	0.41	4.2
4-Nitroaniline	0.29	U	0.29	4.2
2,2'-oxybis[1-chloropropane]	0.75	U	0.75	4.2

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	66	43 - 116
2-Fluorophenol	36	21 - 97
2,4,6-Tribromophenol	65	29 - 126
Nitrobenzene-d5	63	38 - 113
Phenol-d5	24	18 - 97
Terphenyl-d14	77	10 - 119

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-4 (0.5'-2.5')

Lab Sample ID: 220-7124-1
Client Matrix: Solid

% Moisture: 10.6

Date Sampled: 11/04/2008 0910
Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: D8320018.D
Dilution:	1.0		Initial Weight/Volume: 30.03 g
Date Analyzed:	11/12/2008 1850		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.94	J	0.66	3.7
4,4'-DDE		0.75	U	0.75	3.7
4,4'-DDT		0.91	U	0.91	3.7
Aldrin		0.20	U	0.20	1.9
alpha-BHC		0.27	U	0.27	1.9
beta-BHC		0.42	U	0.42	1.9
delta-BHC		0.41	U	0.41	1.9
Dieldrin		0.64	U	0.64	3.7
Endosulfan I		0.33	U	0.33	1.9
Endosulfan II		0.70	U	0.70	3.7
Endosulfan sulfate		0.66	U	0.66	3.7
Endrin		1.4	J	0.69	3.7
Endrin aldehyde		3.3	J	0.46	3.7
Endrin ketone		0.68	U	0.68	3.7
gamma-BHC (Lindane)		0.32	U	0.32	1.9
Heptachlor		0.36	U	0.36	1.9
Heptachlor epoxide		0.34	U	0.34	1.9
Methoxychlor		4.1	U	4.1	19
Toxaphene		13	U	13	93
alpha-Chlordane		0.31	U	0.31	1.9
gamma-Chlordane		0.59	U	0.59	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	142	25 - 159
Tetrachloro-m-xylene	74	24 - 154

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: D8320018.D
Dilution:	1.0		Initial Weight/Volume: 30.03 g
Date Analyzed:	11/12/2008 1850		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	95	25 - 159
Tetrachloro-m-xylene	68	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (6-7')

Lab Sample ID: 220-7124-2

Date Sampled: 11/04/2008 1330

Client Matrix: Solid

% Moisture: 11.2

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: C8320019.D
Dilution:	1.0		Initial Weight/Volume: 30.04 g
Date Analyzed:	11/12/2008 1915		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.67	U	0.67	3.7
4,4'-DDE		0.75	U	0.75	3.7
4,4'-DDT		0.91	U	0.91	3.7
Aldrin		0.20	U	0.20	1.9
alpha-BHC		0.27	U	0.27	1.9
beta-BHC		0.42	U	0.42	1.9
delta-BHC		0.41	U	0.41	1.9
Dieldrin		0.64	U	0.64	3.7
Endosulfan I		0.33	U	0.33	1.9
Endosulfan II		0.70	U	0.70	3.7
Endosulfan sulfate		0.67	U	0.67	3.7
Endrin		0.83	J	0.69	3.7
Endrin aldehyde		2.1	J	0.46	3.7
Endrin ketone		0.68	U	0.68	3.7
gamma-BHC (Lindane)		0.32	U	0.32	1.9
Heptachlor		0.36	U	0.36	1.9
Heptachlor epoxide		0.34	U	0.34	1.9
Methoxychlor		4.1	U	4.1	19
Toxaphene		13	U	13	93
alpha-Chlordane		0.31	U	0.31	1.9
gamma-Chlordane		0.73	J	0.60	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	120	25 - 159
Tetrachloro-m-xylene	85	24 - 154

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: D8320019.D
Dilution:	1.0		Initial Weight/Volume: 30.04 g
Date Analyzed:	11/12/2008 1915		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	102	25 - 159
Tetrachloro-m-xylene	80	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-2 (2-4')

Lab Sample ID: 220-7124-3
Client Matrix: Solid

% Moisture: 10.1

Date Sampled: 11/04/2008 1050
Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: D8320020.D
Dilution:	1.0		Initial Weight/Volume: 30.08 g
Date Analyzed:	11/12/2008 1941		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		1.3	J	0.66	3.7
4,4'-DDE		0.74	U	0.74	3.7
4,4'-DDT		0.90	U	0.90	3.7
Aldrin		0.20	U	0.20	1.9
alpha-BHC		0.27	U	0.27	1.9
beta-BHC		0.41	U	0.41	1.9
delta-BHC		0.40	U	0.40	1.9
Dieldrin		0.63	U	0.63	3.7
Endosulfan I		0.32	U	0.32	1.9
Endosulfan II		2.0	J	0.69	3.7
Endosulfan sulfate		0.66	U	0.66	3.7
Endrin		4.8		0.68	3.7
Endrin aldehyde		6.4		0.45	3.7
Endrin ketone		0.67	U	0.67	3.7
gamma-BHC (Lindane)		0.32	U	0.32	1.9
Heptachlor		0.35	U	0.35	1.9
Heptachlor epoxide		0.33	U	0.33	1.9
Methoxychlor		33		4.1	19
Toxaphene		140		13	92
alpha-Chlordane		0.31	U	0.31	1.9
gamma-Chlordane		0.65	J	0.59	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	25 - 159
Tetrachloro-m-xylene	68	24 - 154

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: C8320020.D
Dilution:	1.0		Initial Weight/Volume: 30.08 g
Date Analyzed:	11/12/2008 1941		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	161	25 - 159
Tetrachloro-m-xylene	64	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (7-9')

Lab Sample ID: 220-7124-4

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 9.0

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-21959

Instrument ID: HP 6890 dual ECD

Preparation: 3550B

Prep Batch: 220-21770

Lab File ID: C8320021.D

Dilution: 1.0

Initial Weight/Volume: 30.41 g

Date Analyzed: 11/12/2008 2006

Final Weight/Volume: 10 mL

Date Prepared: 11/06/2008 1846

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		0.48	J	0.44	3.6

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-2 (7-9')

Lab Sample ID: 220-7124-4
Client Matrix: Solid

% Moisture: 9.0

Date Sampled: 11/04/2008 1530
Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/12/2008 2006
Date Prepared: 11/06/2008 1846

Analysis Batch: 220-21959
Prep Batch: 220-21770

Instrument ID: HP 6890 dual ECD
Lab File ID: C8320021.D
Initial Weight/Volume: 30.41 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	86	25 - 159
DCB Decachlorobiphenyl	71	25 - 159
Tetrachloro-m-xylene	58	24 - 154
Tetrachloro-m-xylene	67	24 - 154

Method: 8081A
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/13/2008 1822
Date Prepared: 11/06/2008 1846

Analysis Batch: 220-22014
Prep Batch: 220-21770

Instrument ID: HP 6890 dual ECD
Lab File ID: C8321020.D
Initial Weight/Volume: 30.41 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.64	U	0.64	3.6
4,4'-DDE		0.73	U	0.73	3.6
4,4'-DDT		0.88	U	0.88	3.6
Aldrin		0.20	U	0.20	1.8
alpha-BHC		0.26	U	0.26	1.8
beta-BHC		0.41	U	0.41	1.8
delta-BHC		0.40	U	0.40	1.8
Dieldrin		0.62	U	0.62	3.6
Endosulfan I		0.32	U	0.32	1.8
Endosulfan II		0.67	U	0.67	3.6
Endosulfan sulfate		0.64	U	0.64	3.6
Endrin		0.67	U	0.67	3.6
Endrin ketone		0.66	U	0.66	3.6
gamma-BHC (Lindane)		0.31	U	0.31	1.8
Heptachlor		0.35	U	0.35	1.8
Heptachlor epoxide		0.33	U	0.33	1.8
Methoxychlor		4.0	U	4.0	18
Toxaphene		12	U	12	90
alpha-Chlordane		0.30	U	0.30	1.8
gamma-Chlordane		0.57	U	0.57	1.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	25 - 159
Tetrachloro-m-xylene	58	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (7-9')

Lab Sample ID: 220-7124-4

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 9.0

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22014

Instrument ID: HP 6890 dual ECD

Preparation: 3550B

Prep Batch: 220-21770

Lab File ID: D8321020.D

Dilution: 1.0

Initial Weight/Volume: 30.41 g

Date Analyzed: 11/13/2008 1822

Final Weight/Volume: 10 mL

Date Prepared: 11/06/2008 1846

Injection Volume: 1.0 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	73	25 - 159
Tetrachloro-m-xylene	57	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-1 (2-4')

Lab Sample ID: 220-7124-5
Client Matrix: Solid

% Moisture: 10.2

Date Sampled: 11/04/2008 1430
Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: C8320022.D
Dilution:	1.0		Initial Weight/Volume: 30.20 g
Date Analyzed:	11/12/2008 2031		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.66	U	0.66	3.7
4,4'-DDE		0.74	U	0.74	3.7
4,4'-DDT		0.90	U	0.90	3.7
Aldrin		0.20	U	0.20	1.9
alpha-BHC		0.27	U	0.27	1.9
beta-BHC		0.41	U	0.41	1.9
delta-BHC		0.40	U	0.40	1.9
Dieldrin		0.63	U	0.63	3.7
Endosulfan I		0.32	U	0.32	1.9
Endosulfan II		0.69	U	0.69	3.7
Endosulfan sulfate		0.66	U	0.66	3.7
Endrin		0.68	U	0.68	3.7
Endrin aldehyde		0.45	U	0.45	3.7
Endrin ketone		0.67	U	0.67	3.7
gamma-BHC (Lindane)		0.32	U	0.32	1.9
Heptachlor		0.35	U	0.35	1.9
Heptachlor epoxide		0.33	U	0.33	1.9
Methoxychlor		4.0	U	4.0	19
Toxaphene		12	U	12	92
alpha-Chlordane		0.30	U	0.30	1.9
gamma-Chlordane		0.59	U	0.59	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	25 - 159
Tetrachloro-m-xylene	95	24 - 154

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: D8320022.D
Dilution:	1.0		Initial Weight/Volume: 30.20 g
Date Analyzed:	11/12/2008 2031		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	106	25 - 159
Tetrachloro-m-xylene	92	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5 (2-4')

Lab Sample ID: 220-7124-6

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 13.4

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: D8320023.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/12/2008 2057		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		8.0		0.68	3.8
4,4'-DDE		0.77	U	0.77	3.8
4,4'-DDT		7.8		0.93	3.8
Aldrin		0.21	U	0.21	2.0
alpha-BHC		0.28	U	0.28	2.0
beta-BHC		0.43	U	0.43	2.0
delta-BHC		0.96	J	0.42	2.0
Dieldrin		0.66	U	0.66	3.8
Endosulfan I		0.34	U	0.34	2.0
Endosulfan II		3.7	J	0.71	3.8
Endosulfan sulfate		0.68	U	0.68	3.8
Endrin		7.3		0.71	3.8
Endrin aldehyde		7.5		0.47	3.8
Endrin ketone		0.70	U	0.70	3.8
gamma-BHC (Lindane)		0.33	U	0.33	2.0
Heptachlor		0.75	J	0.37	2.0
Heptachlor epoxide		0.35	U	0.35	2.0
Methoxychlor		4.2	U	4.2	20
Toxaphene		13	U	13	95
alpha-Chlordane		0.32	U	0.32	2.0
gamma-Chlordane		1.9	J	0.61	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	25 - 159
Tetrachloro-m-xylene	55	24 - 154

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: C8320023.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/12/2008 2057		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	235	25 - 159
Tetrachloro-m-xylene	54	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (1-3')

Lab Sample ID: 220-7124-7

Date Sampled: 11/05/2008 1350

Client Matrix: Solid

% Moisture: 4.4

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: C8320024.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/12/2008 2122		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.62	U	0.62	3.4
4,4'-DDE		0.70	U	0.70	3.4
4,4'-DDT		0.84	U	0.84	3.4
Aldrin		0.19	U	0.19	1.8
alpha-BHC		0.25	U	0.25	1.8
beta-BHC		0.39	U	0.39	1.8
delta-BHC		0.38	U	0.38	1.8
Dieldrin		0.59	U	0.59	3.4
Endosulfan I		0.30	U	0.30	1.8
Endosulfan II		0.65	U	0.65	3.4
Endosulfan sulfate		0.62	U	0.62	3.4
Endrin		0.64	U	0.64	3.4
Endrin aldehyde		0.42	U	0.42	3.4
Endrin ketone		0.63	U	0.63	3.4
gamma-BHC (Lindane)		0.30	U	0.30	1.8
Heptachlor		0.33	U	0.33	1.8
Heptachlor epoxide		0.31	U	0.31	1.8
Methoxychlor		3.8	U	3.8	18
Toxaphene		12	U	12	86
alpha-Chlordane		0.29	U	0.29	1.8
gamma-Chlordane		1.0	J	0.55	1.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	25 - 159
Tetrachloro-m-xylene	71	24 - 154

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: D8320024.D
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	11/12/2008 2122		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	71	25 - 159
Tetrachloro-m-xylene	70	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8

Date Sampled: 11/05/2008 1420

Client Matrix: Solid

% Moisture: 9.1

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-21959

Instrument ID: HP 6890 dual ECD

Preparation: 3550B

Prep Batch: 220-21770

Lab File ID: C8320025.D

Dilution: 1.0

Initial Weight/Volume: 30.23 g

Date Analyzed: 11/12/2008 2148

Final Weight/Volume: 10 mL

Date Prepared: 11/06/2008 1846

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		0.44	U	0.44	3.6

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8

Date Sampled: 11/05/2008 1420

Client Matrix: Solid

% Moisture: 9.1

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation: 3550B	Prep Batch: 220-21770	Lab File ID: C8320025.D
Dilution: 1.0		Initial Weight/Volume: 30.23 g
Date Analyzed: 11/12/2008 2148		Final Weight/Volume: 10 mL
Date Prepared: 11/06/2008 1846		Injection Volume: 1.0 uL
		Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	25 - 159
DCB Decachlorobiphenyl	71	25 - 159
Tetrachloro-m-xylene	61	24 - 154
Tetrachloro-m-xylene	69	24 - 154

Method: 8081A	Analysis Batch: 220-22014	Instrument ID: HP 6890 dual ECD
Preparation: 3550B	Prep Batch: 220-21770	Lab File ID: C8321021.D
Dilution: 1.0		Initial Weight/Volume: 30.23 g
Date Analyzed: 11/13/2008 1848		Final Weight/Volume: 10 mL
Date Prepared: 11/06/2008 1846		Injection Volume: 1.0 uL
		Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.65	U	0.65	3.6
4,4'-DDE		0.73	U	0.73	3.6
4,4'-DDT		0.88	U	0.88	3.6
Aldrin		0.20	U	0.20	1.9
alpha-BHC		0.27	U	0.27	1.9
beta-BHC		0.41	U	0.41	1.9
delta-BHC		0.40	U	0.40	1.9
Dieldrin		0.62	U	0.62	3.6
Endosulfan I		0.32	U	0.32	1.9
Endosulfan II		0.68	U	0.68	3.6
Endosulfan sulfate		0.65	U	0.65	3.6
Endrin		0.67	U	0.67	3.6
Endrin ketone		0.66	U	0.66	3.6
gamma-BHC (Lindane)		0.31	U	0.31	1.9
Heptachlor		0.35	U	0.35	1.9
Heptachlor epoxide		0.33	U	0.33	1.9
Methoxychlor		4.0	U	4.0	19
Toxaphene		12	U	12	91
alpha-Chlordane		0.30	U	0.30	1.9
gamma-Chlordane		0.58	U	0.58	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	25 - 159
Tetrachloro-m-xylene	59	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8

Date Sampled: 11/05/2008 1420

Client Matrix: Solid

% Moisture: 9.1

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22014

Instrument ID: HP 6890 dual ECD

Preparation: 3550B

Prep Batch: 220-21770

Lab File ID: D8321021.D

Dilution: 1.0

Initial Weight/Volume: 30.23 g

Date Analyzed: 11/13/2008 1848

Final Weight/Volume: 10 mL

Date Prepared: 11/06/2008 1846

Injection Volume: 1.0 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	73	25 - 159
Tetrachloro-m-xylene	58	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-6 (4-5)

Lab Sample ID: 220-7124-9
Client Matrix: Solid

% Moisture: 13.8

Date Sampled: 11/05/2008 1235
Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: C8320026.D
Dilution:	1.0		Initial Weight/Volume: 30.30 g
Date Analyzed:	11/12/2008 2213		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.68	U	0.68	3.8
4,4'-DDE		0.77	U	0.77	3.8
4,4'-DDT		0.93	U	0.93	3.8
Aldrin		0.21	U	0.21	2.0
alpha-BHC		0.28	U	0.28	2.0
beta-BHC		0.43	U	0.43	2.0
delta-BHC		0.42	U	0.42	2.0
Dieldrin		0.66	U	0.66	3.8
Endosulfan I		0.34	U	0.34	2.0
Endosulfan II		0.71	U	0.71	3.8
Endosulfan sulfate		0.68	U	0.68	3.8
Endrin		0.71	U	0.71	3.8
Endrin aldehyde		0.47	U	0.47	3.8
Endrin ketone		0.70	U	0.70	3.8
gamma-BHC (Lindane)		0.33	U	0.33	2.0
Heptachlor		0.37	U	0.37	2.0
Heptachlor epoxide		0.35	U	0.35	2.0
Methoxychlor		4.2	U	4.2	20
Toxaphene		13	U	13	95
alpha-Chlordane		0.32	U	0.32	2.0
gamma-Chlordane		0.61	U	0.61	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	108	25 - 159
Tetrachloro-m-xylene	85	24 - 154

Method:	8081A	Analysis Batch: 220-21959	Instrument ID: HP 6890 dual ECD
Preparation:	3550B	Prep Batch: 220-21770	Lab File ID: D8320026.D
Dilution:	1.0		Initial Weight/Volume: 30.30 g
Date Analyzed:	11/12/2008 2213		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1846		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	25 - 159
Tetrachloro-m-xylene	83	24 - 154

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2

Lab Sample ID: 220-7124-10

Date Sampled: 11/04/2008 1130

Client Matrix: Water

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21885	Instrument ID: HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21760	Lab File ID: C7664040.D
Dilution:	1.0		Initial Weight/Volume: 910 mL
Date Analyzed:	11/11/2008 1604		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1448		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.010	U	0.010	0.11
4,4'-DDT	0.015	U	0.015	0.11
Aldrin	0.0090	U	0.0090	0.055
alpha-BHC	0.0087	U	0.0087	0.055
beta-BHC	0.0082	U	0.0082	0.055
delta-BHC	0.0063	U	0.0063	0.055
Dieldrin	0.011	U	0.011	0.11
Endosulfan I	0.0051	U	0.0051	0.055
Endosulfan II	0.011	U	0.011	0.11
Endosulfan sulfate	0.015	U	0.015	0.11
Endrin	0.015	U	0.015	0.11
Endrin aldehyde	0.010	U	0.010	0.11
Endrin ketone	0.012	U	0.012	0.11
gamma-BHC (Lindane)	0.0058	U	0.0058	0.055
Heptachlor	0.0082	U	0.0082	0.055
Heptachlor epoxide	0.0064	U	0.0064	0.055
Methoxychlor	0.10	U	0.10	0.55
Toxaphene	0.24	U	0.24	2.7
alpha-Chlordane	0.0053	U	0.0053	0.055
gamma-Chlordane	0.0053	U	0.0053	0.055

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	26	*	29 - 156
DCB Decachlorobiphenyl	28	*	29 - 156
Tetrachloro-m-xylene	83		53 - 144
Tetrachloro-m-xylene	74		53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2

Lab Sample ID: 220-7124-10

Date Sampled: 11/04/2008 1130

Client Matrix: Water

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation:	3510C	Prep Batch: 220-21999	Lab File ID: C8322023.D
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/14/2008 2142	Run Type: RE	Final Weight/Volume: 10 mL
Date Prepared:	11/14/2008 0942		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U H	0.012	0.11
4,4'-DDE	0.011	U H	0.011	0.11
4,4'-DDT	0.016	U H	0.016	0.11
Aldrin	0.0091	U H	0.0091	0.056
alpha-BHC	0.0088	U H	0.0088	0.056
beta-BHC	0.0083	U H	0.0083	0.056
delta-BHC	0.0070	J H	0.0063	0.056
Dieldrin	0.011	U H	0.011	0.11
Endosulfan I	0.0051	U H	0.0051	0.056
Endosulfan II	0.011	U H	0.011	0.11
Endosulfan sulfate	0.015	U H	0.015	0.11
Endrin	0.016	U H	0.016	0.11
Endrin aldehyde	0.010	U H	0.010	0.11
Endrin ketone	0.012	U H	0.012	0.11
gamma-BHC (Lindane)	0.0059	U H	0.0059	0.056
Heptachlor	0.0083	U H	0.0083	0.056
Heptachlor epoxide	0.0064	U H	0.0064	0.056
Methoxychlor	0.10	U H	0.10	0.56
Toxaphene	0.24	U H	0.24	2.8
alpha-Chlordane	0.0053	U H	0.0053	0.056
gamma-Chlordane	0.0081	J H	0.0053	0.056

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	33	29 - 156
Tetrachloro-m-xylene	72	53 - 144

Method:	8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation:	3510C	Prep Batch: 220-21999	Lab File ID: D8322023.D
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/14/2008 2142	Run Type: RE	Final Weight/Volume: 10 mL
Date Prepared:	11/14/2008 0942		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	32	29 - 156
Tetrachloro-m-xylene	68	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11

Date Sampled: 11/05/2008 1036

Client Matrix: Water

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22040

Instrument ID: HP 6890 dual ECD

Preparation: 3510C

Prep Batch: 220-21908

Lab File ID: C8322025.D

Dilution: 1.0

Initial Weight/Volume: 930 mL

Date Analyzed: 11/14/2008 2236

Final Weight/Volume: 10.0 mL

Date Prepared: 11/12/2008 1442

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Endrin aldehyde	0.0098	U	0.0098	0.11

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11

Date Sampled: 11/05/2008 1036

Client Matrix: Water

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation: 3510C	Prep Batch: 220-21908	Lab File ID: C8322025.D
Dilution: 1.0		Initial Weight/Volume: 930 mL
Date Analyzed: 11/14/2008 2236		Final Weight/Volume: 10.0 mL
Date Prepared: 11/12/2008 1442		Injection Volume: 1.0 uL
		Column ID: SECONDARY

Surrogate	%Rec	*	Acceptance Limits
DCB Decachlorobiphenyl	11	*	29 - 156
DCB Decachlorobiphenyl	11	*	29 - 156
Tetrachloro-m-xylene	18	*	53 - 144
Tetrachloro-m-xylene	20	*	53 - 144

Method: 8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation: 3510C	Prep Batch: 220-21908	Lab File ID: C8322026.D
Dilution: 1.0		Initial Weight/Volume: 930 mL
Date Analyzed: 11/14/2008 2259		Final Weight/Volume: 10.0 mL
Date Prepared: 11/12/2008 1442		Injection Volume: 1.0 uL
		Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.010	U	0.010	0.11
4,4'-DDT	0.015	U	0.015	0.11
Aldrin	0.0088	U	0.0088	0.054
alpha-BHC	0.0085	U	0.0085	0.054
beta-BHC	0.0081	U	0.0081	0.054
delta-BHC	0.0061	U	0.0061	0.054
Dieldrin	0.011	U	0.011	0.11
Endosulfan I	0.0049	U	0.0049	0.054
Endosulfan II	0.010	U	0.010	0.11
Endosulfan sulfate	0.015	U	0.015	0.11
Endrin	0.015	U	0.015	0.11
Endrin ketone	0.011	U	0.011	0.11
gamma-BHC (Lindane)	0.0057	U	0.0057	0.054
Heptachlor	0.0081	U	0.0081	0.054
Heptachlor epoxide	0.0062	U	0.0062	0.054
Methoxychlor	0.098	U	0.098	0.54
Toxaphene	0.23	U	0.23	2.7
alpha-Chlordane	0.0052	U	0.0052	0.054
gamma-Chlordane	0.0052	U	0.0052	0.054

Surrogate	%Rec	*	Acceptance Limits
DCB Decachlorobiphenyl	11	*	29 - 156
Tetrachloro-m-xylene	22	*	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11

Date Sampled: 11/05/2008 1036

Client Matrix: Water

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-22040

Instrument ID: HP 6890 dual ECD

Preparation: 3510C

Prep Batch: 220-21908

Lab File ID: D8322026.D

Dilution: 1.0

Initial Weight/Volume: 930 mL

Date Analyzed: 11/14/2008 2259

Final Weight/Volume: 10.0 mL

Date Prepared: 11/12/2008 1442

Injection Volume: 1.0 uL

Column ID: SECONDARY

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	10	*	29 - 156
Tetrachloro-m-xylene	22	*	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6

Lab Sample ID: 220-7124-13

Date Sampled: 11/05/2008 1245

Client Matrix: Water

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-21885	Instrument ID: HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21760	Lab File ID: C7664042.D
Dilution:	1.0		Initial Weight/Volume: 940 mL
Date Analyzed:	11/11/2008 1647		Final Weight/Volume: 10 mL
Date Prepared:	11/06/2008 1448		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U	0.012	0.11
4,4'-DDE	0.010	U	0.010	0.11
4,4'-DDT	0.015	U	0.015	0.11
Aldrin	0.0087	U	0.0087	0.053
alpha-BHC	0.0084	U	0.0084	0.053
beta-BHC	0.0080	U	0.0080	0.053
delta-BHC	0.0061	U	0.0061	0.053
Dieldrin	0.010	U	0.010	0.11
Endosulfan I	0.0049	U	0.0049	0.053
Endosulfan II	0.010	U	0.010	0.11
Endosulfan sulfate	0.014	U	0.014	0.11
Endrin	0.015	U	0.015	0.11
Endrin aldehyde	0.0097	U	0.0097	0.11
Endrin ketone	0.011	U	0.011	0.11
gamma-BHC (Lindane)	0.0056	U	0.0056	0.053
Heptachlor	0.0080	U	0.0080	0.053
Heptachlor epoxide	0.0062	U	0.0062	0.053
Methoxychlor	0.097	U	0.097	0.53
Toxaphene	0.23	U	0.23	2.7
alpha-Chlordane	0.0051	U	0.0051	0.053
gamma-Chlordane	0.0051	U	0.0051	0.053

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	22	*	29 - 156
DCB Decachlorobiphenyl	25	*	29 - 156
Tetrachloro-m-xylene	85		53 - 144
Tetrachloro-m-xylene	82		53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6

Lab Sample ID: 220-7124-13

Date Sampled: 11/05/2008 1245

Client Matrix: Water

Date Received: 11/05/2008 1858

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation:	3510C	Prep Batch: 220-21999	Lab File ID: C8322024.D
Dilution:	1.0		Initial Weight/Volume: 910 mL
Date Analyzed:	11/14/2008 2208	Run Type: RE	Final Weight/Volume: 10 mL
Date Prepared:	11/14/2008 0942		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	U H	0.012	0.11
4,4'-DDE	0.010	U H	0.010	0.11
4,4'-DDT	0.015	U H	0.015	0.11
Aldrin	0.0090	U H	0.0090	0.055
alpha-BHC	0.0087	U H	0.0087	0.055
beta-BHC	0.0082	U H	0.0082	0.055
delta-BHC	0.0063	U H	0.0063	0.055
Dieldrin	0.011	U H	0.011	0.11
Endosulfan I	0.0051	U H	0.0051	0.055
Endosulfan II	0.011	U H	0.011	0.11
Endosulfan sulfate	0.015	U H	0.015	0.11
Endrin	0.015	U H	0.015	0.11
Endrin aldehyde	0.010	U H	0.010	0.11
Endrin ketone	0.012	U H	0.012	0.11
gamma-BHC (Lindane)	0.0058	U H	0.0058	0.055
Heptachlor	0.0082	U H	0.0082	0.055
Heptachlor epoxide	0.0064	U H	0.0064	0.055
Methoxychlor	0.10	U H	0.10	0.55
Toxaphene	0.24	U H	0.24	2.7
alpha-Chlordane	0.0053	U H	0.0053	0.055
gamma-Chlordane	0.0053	U H	0.0053	0.055

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	37	29 - 156
Tetrachloro-m-xylene	76	53 - 144

Method:	8081A	Analysis Batch: 220-22040	Instrument ID: HP 6890 dual ECD
Preparation:	3510C	Prep Batch: 220-21999	Lab File ID: C8322024.D
Dilution:	1.0		Initial Weight/Volume: 910 mL
Date Analyzed:	11/14/2008 2208	Run Type: RE	Final Weight/Volume: 10 mL
Date Prepared:	11/14/2008 0942		Injection Volume: 1.0 uL
			Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	36	29 - 156
Tetrachloro-m-xylene	77	53 - 144

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (0.5'-2.5')

Lab Sample ID: 220-7124-1

Date Sampled: 11/04/2008 0910

Client Matrix: Solid

% Moisture: 10.6

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21733	Lab File ID:	D4728069.d
Dilution:	1.0			Initial Weight/Volume:	30.61 g
Date Analyzed:	11/06/2008 1637			Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.1	U	5.1	19
PCB-1221		1.2	U	1.2	36
PCB-1232		5.1	U	5.1	19
PCB-1242		5.1	U	5.1	19
PCB-1248		5.1	U	5.1	19
PCB-1254		1.7	U	1.7	19
PCB-1260		3.8	U	3.8	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	147	24 - 154
DCB Decachlorobiphenyl	202	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (6-7')

Lab Sample ID: 220-7124-2

Date Sampled: 11/04/2008 1330

Client Matrix: Solid

% Moisture: 11.2

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21733	Lab File ID:	D4728070.d
Dilution:	1.0			Initial Weight/Volume:	30.08 g
Date Analyzed:	11/06/2008 1656			Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.2	U	5.2	19
PCB-1221		1.2	U	1.2	37
PCB-1232		5.2	U	5.2	19
PCB-1242		5.2	U	5.2	19
PCB-1248		5.2	U	5.2	19
PCB-1254		1.7	U	1.7	19
PCB-1260		3.9	U	3.9	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	120	24 - 154
DCB Decachlorobiphenyl	106	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (2-4')

Lab Sample ID: 220-7124-3

Date Sampled: 11/04/2008 1050

Client Matrix: Solid

% Moisture: 10.1

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21733	Lab File ID:	D4728071.d
Dilution:	1.0			Initial Weight/Volume:	30.70 g
Date Analyzed:	11/06/2008 1714			Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.0	U	5.0	18
PCB-1221		1.2	U	1.2	36
PCB-1232		5.0	U	5.0	18
PCB-1242		5.0	U	5.0	18
PCB-1248		5.0	U	5.0	18
PCB-1254		1.7	U	1.7	18
PCB-1260		3.8	U	3.8	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	126	24 - 154
DCB Decachlorobiphenyl	242	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2 (7-9')

Lab Sample ID: 220-7124-4

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 9.0

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21733	Lab File ID:	D4728072.d
Dilution:	1.0			Initial Weight/Volume:	30.20 g
Date Analyzed:	11/06/2008 1732			Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.0	U	5.0	19
PCB-1221		1.2	U	1.2	36
PCB-1232		5.0	U	5.0	19
PCB-1242		5.0	U	5.0	19
PCB-1248		5.0	U	5.0	19
PCB-1254		1.7	U	1.7	19
PCB-1260		3.8	U	3.8	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	129	24 - 154
DCB Decachlorobiphenyl	108	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-1 (2-4')

Lab Sample ID: 220-7124-5

Date Sampled: 11/04/2008 1430

Client Matrix: Solid

% Moisture: 10.2

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21733	Lab File ID:	D4728073.d
Dilution:	1.0			Initial Weight/Volume:	30.15 g
Date Analyzed:	11/06/2008 1751			Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.1	U	5.1	19
PCB-1221		1.2	U	1.2	37
PCB-1232		5.1	U	5.1	19
PCB-1242		5.1	U	5.1	19
PCB-1248		5.1	U	5.1	19
PCB-1254		1.7	U	1.7	19
PCB-1260		3.8	U	3.8	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	142	24 - 154
DCB Decachlorobiphenyl	104	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5 (2-4')

Lab Sample ID: 220-7124-6

Date Sampled: 11/04/2008 1530

Client Matrix: Solid

% Moisture: 13.4

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21733	Lab File ID:	D4728074.d
Dilution:	1.0			Initial Weight/Volume:	30.64 g
Date Analyzed:	11/06/2008 1809			Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.2	U	5.2	19
PCB-1221		1.2	U	1.2	37
PCB-1232		5.2	U	5.2	19
PCB-1242		5.2	U	5.2	19
PCB-1248		5.2	U	5.2	19
PCB-1254		1.7	U	1.7	19
PCB-1260		3.9	U	3.9	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	150	24 - 154
DCB Decachlorobiphenyl	708	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (1-3')

Lab Sample ID: 220-7124-7

Date Sampled: 11/05/2008 1350

Client Matrix: Solid

% Moisture: 4.4

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21733	Lab File ID:	D4728075.d
Dilution:	1.0			Initial Weight/Volume:	30.27 g
Date Analyzed:	11/06/2008 1827			Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		4.8	U	4.8	18
PCB-1221		1.1	U	1.1	34
PCB-1232		4.8	U	4.8	18
PCB-1242		4.8	U	4.8	18
PCB-1248		4.8	U	4.8	18
PCB-1254		1.6	U	1.6	18
PCB-1260		3.6	U	3.6	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	125	24 - 154
DCB Decachlorobiphenyl	100	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8

Date Sampled: 11/05/2008 1420

Client Matrix: Solid

% Moisture: 9.1

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21733	Lab File ID:	C4728076.d
Dilution:	1.0		Initial Weight/Volume:	30.71 g
Date Analyzed:	11/06/2008 1846		Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.0	U	5.0	18
PCB-1221		1.2	U	1.2	35
PCB-1232		5.0	U	5.0	18
PCB-1242		5.0	U	5.0	18
PCB-1248		5.0	U	5.0	18
PCB-1254		1.6	U	1.6	18
PCB-1260		7.9	J	3.7	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	127	24 - 154
DCB Decachlorobiphenyl	141	25 - 159

Method:	8082	Analysis Batch: 220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-21733	Lab File ID:	C4728076.d
Dilution:	1.0		Initial Weight/Volume:	30.71 g
Date Analyzed:	11/06/2008 1846		Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051		Injection Volume:	1.0 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	124	24 - 154
DCB Decachlorobiphenyl	114	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6 (4-5)

Lab Sample ID: 220-7124-9

Date Sampled: 11/05/2008 1235

Client Matrix: Solid

% Moisture: 13.8

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-21763	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-21733	Lab File ID:	D4728077.d
Dilution:	1.0			Initial Weight/Volume:	30.47 g
Date Analyzed:	11/06/2008 1904			Final Weight/Volume:	10 mL
Date Prepared:	11/05/2008 2051			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		5.3	U	5.3	19
PCB-1221		1.3	U	1.3	38
PCB-1232		5.3	U	5.3	19
PCB-1242		5.3	U	5.3	19
PCB-1248		5.3	U	5.3	19
PCB-1254		1.8	U	1.8	19
PCB-1260		3.9	U	3.9	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	113	24 - 154
DCB Decachlorobiphenyl	99	25 - 159

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-2

Lab Sample ID: 220-7124-10

Date Sampled: 11/04/2008 1130

Client Matrix: Water

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21877	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21760	Lab File ID:	D4729078.d
Dilution:	1.0		Initial Weight/Volume:	910 mL
Date Analyzed:	11/11/2008 1755		Final Weight/Volume:	10 mL
Date Prepared:	11/06/2008 1448		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.082	U	0.082	0.55
PCB-1221	0.35	U	0.35	1.1
PCB-1232	0.082	U	0.082	0.55
PCB-1242	0.082	U	0.082	0.55
PCB-1248	0.082	U	0.082	0.55
PCB-1254	0.049	U	0.049	0.55
PCB-1260	0.052	U	0.052	0.55

Surrogate	%Rec		Acceptance Limits
Tetrachloro-m-xylene	101		53 - 144
DCB Decachlorobiphenyl	26	*	29 - 156

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11

Date Sampled: 11/05/2008 1036

Client Matrix: Water

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21877	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21760	Lab File ID:	D4729079.d
Dilution:	1.0		Initial Weight/Volume:	920 mL
Date Analyzed:	11/11/2008 1813		Final Weight/Volume:	10 mL
Date Prepared:	11/06/2008 1448		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.082	U	0.082	0.54
PCB-1221	0.35	U	0.35	1.1
PCB-1232	0.082	U	0.082	0.54
PCB-1242	0.082	U	0.082	0.54
PCB-1248	0.082	U	0.082	0.54
PCB-1254	0.049	U	0.049	0.54
PCB-1260	0.051	U	0.051	0.54

Surrogate	%Rec		Acceptance Limits
Tetrachloro-m-xylene	27	*	53 - 144
DCB Decachlorobiphenyl	17	*	29 - 156

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-6

Lab Sample ID: 220-7124-13

Date Sampled: 11/05/2008 1245

Client Matrix: Water

Date Received: 11/05/2008 1858

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-21877	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-21760	Lab File ID:	D4729080.d
Dilution:	1.0		Initial Weight/Volume:	940 mL
Date Analyzed:	11/11/2008 1831		Final Weight/Volume:	10 mL
Date Prepared:	11/06/2008 1448		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.080	U	0.080	0.53
PCB-1221	0.34	U	0.34	1.1
PCB-1232	0.080	U	0.080	0.53
PCB-1242	0.080	U	0.080	0.53
PCB-1248	0.080	U	0.080	0.53
PCB-1254	0.048	U	0.048	0.53
PCB-1260	0.050	U	0.050	0.53

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	110	53 - 144
DCB Decachlorobiphenyl	39	29 - 156

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-4 (0.5'-2.5')

Lab Sample ID: 220-7124-1

Date Sampled: 11/04/2008 0910

Client Matrix: Solid

% Moisture: 10.6

Date Received: 11/05/2008 1858

6010B Metals (ICP)

Method: 6010B

Analysis Batch: 220-21938

Instrument ID:

TJA Trace ICAP

Preparation: 3050B

Prep Batch: 220-21822

Lab File ID:

W111208

Dilution: 1.0

Initial Weight/Volume: 1.48 g

Date Analyzed: 11/12/2008 1349

Final Weight/Volume: 250 mL

Date Prepared: 11/10/2008 1107

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.26	U	0.26	2.8
Aluminum		7040		59.6	94.5
Arsenic		9.1		0.59	4.7
Barium		142		0.21	1.9
Beryllium		0.37	J	0.21	1.9
Calcium		20200		10.4	189
Cadmium		0.49	U	0.49	4.7
Cobalt		6.6		0.19	1.9
Chromium		16.9		0.26	2.8
Copper		73.6		0.57	4.7
Iron		19100		6.6	56.7
Potassium		1500		16.1	189
Magnesium		2660		9.5	33.1
Manganese		344		0.19	5.7
Sodium		2110		10.4	189
Nickel		13.3		0.49	4.7
Lead		1550		0.40	4.7
Antimony		1.1	U	1.1	9.5
Selenium		1.1	J	0.85	9.5
Thallium		2.9	U	2.9	6.6
Vanadium		26.9		0.17	3.8
Zinc		120		1.4	18.9

7471A Mercury (CVAA)

Method: 7471A

Analysis Batch: 220-21981

Instrument ID:

Perkin Elmer FIMS

Preparation: 7471A

Prep Batch: 220-21962

Lab File ID:

N/A

Dilution: 1.0

Initial Weight/Volume: 0.67 g

Date Analyzed: 11/13/2008 1456

Final Weight/Volume: 50 mL

Date Prepared: 11/13/2008 1157

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.26		0.015	0.050

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-1 (2-4')

Lab Sample ID: 220-7124-5

Date Sampled: 11/04/2008 1430

Client Matrix: Solid

% Moisture: 10.2

Date Received: 11/05/2008 1858

6010B Metals (ICP)

Method: 6010B

Analysis Batch: 220-21938

Instrument ID:

TJA Trace ICAP

Preparation: 3050B

Prep Batch: 220-21822

Lab File ID:

W111208

Dilution: 1.0

Initial Weight/Volume:

1.09 g

Date Analyzed: 11/12/2008 1424

Final Weight/Volume:

250 mL

Date Prepared: 11/10/2008 1107

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.36	U	0.36	3.8
Aluminum		12200		80.5	128
Arsenic		3.5	J	0.79	6.4
Barium		42.2		0.28	2.6
Beryllium		0.50	J	0.28	2.6
Calcium		2970		14.0	255
Cadmium		0.66	U	0.66	6.4
Cobalt		9.9		0.26	2.6
Chromium		17.9		0.36	3.8
Copper		12.9		0.77	6.4
Iron		21700		8.9	76.6
Potassium		1220		21.7	255
Magnesium		3600		12.8	44.7
Manganese		466		0.26	7.7
Sodium		358		14.0	255
Nickel		18.9		0.66	6.4
Lead		9.6		0.54	6.4
Antimony		1.5	U	1.5	12.8
Selenium		1.1	U	1.1	12.8
Thallium		4.0	U	4.0	8.9
Vanadium		22.8		0.23	5.1
Zinc		48.6		1.9	25.5

7471A Mercury (CVAA)

Method: 7471A

Analysis Batch: 220-21981

Instrument ID:

Perkin Elmer FIMS

Preparation: 7471A

Prep Batch: 220-21962

Lab File ID:

N/A

Dilution: 1.0

Initial Weight/Volume:

0.62 g

Date Analyzed: 11/13/2008 1501

Final Weight/Volume:

50 mL

Date Prepared: 11/13/2008 1157

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	J	0.016	0.054

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-9 (1-3')

Lab Sample ID: 220-7124-7
Client Matrix: Solid

% Moisture: 4.4

Date Sampled: 11/05/2008 1350
Date Received: 11/05/2008 1858

6010B Metals (ICP)

Method: 6010B Analysis Batch: 220-21938 Instrument ID: TJA Trace ICAP
Preparation: 3050B Prep Batch: 220-21822 Lab File ID: W111208
Dilution: 1.0 Initial Weight/Volume: 1.10 g
Date Analyzed: 11/12/2008 1436 Final Weight/Volume: 250 mL
Date Prepared: 11/10/2008 1107

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.33	U	0.33	3.6
Aluminum		4840		74.9	119
Arsenic		1.4	J	0.74	5.9
Barium		48.7		0.26	2.4
Beryllium		0.32	J	0.26	2.4
Calcium		4680		13.1	238
Cadmium		0.62	U	0.62	5.9
Cobalt		5.4		0.24	2.4
Chromium		11.9		0.33	3.6
Copper		20.2		0.71	5.9
Iron		9240		8.3	71.3
Potassium		940		20.2	238
Magnesium		4130		11.9	41.6
Manganese		297		0.24	7.1
Sodium		436		13.1	238
Nickel		15.8		0.62	5.9
Lead		39.0		0.50	5.9
Antimony		1.4	U	1.4	11.9
Selenium		1.1	U	1.1	11.9
Thallium		3.7	U	3.7	8.3
Vanadium		14.4		0.21	4.8
Zinc		73.1		1.8	23.8

7471A Mercury (CVAA)

Method: 7471A Analysis Batch: 220-21981 Instrument ID: Perkin Elmer FIMS
Preparation: 7471A Prep Batch: 220-21962 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 0.61 g
Date Analyzed: 11/13/2008 1503 Final Weight/Volume: 50 mL
Date Prepared: 11/13/2008 1157

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.11		0.015	0.051

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8

Date Sampled: 11/05/2008 1420

Client Matrix: Solid

% Moisture: 9.1

Date Received: 11/05/2008 1858

6010B Metals (ICP)

Method: 6010B

Analysis Batch: 220-21938

Instrument ID:

TJA Trace ICAP

Preparation: 3050B

Prep Batch: 220-21822

Lab File ID:

W111208

Dilution: 1.0

Initial Weight/Volume: 1.03 g

Date Analyzed: 11/12/2008 1441

Final Weight/Volume: 250 mL

Date Prepared: 11/10/2008 1107

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.37	U	0.37	4.0
Aluminum		5150		84.1	134
Arsenic		2.2	J	0.83	6.7
Barium		49.3		0.29	2.7
Beryllium		0.29	U	0.29	2.7
Calcium		15100		14.7	267
Cadmium		0.69	U	0.69	6.7
Cobalt		5.4		0.27	2.7
Chromium		15.6		0.37	4.0
Copper		34.5		0.80	6.7
Iron		11000		9.3	80.1
Potassium		999		22.7	267
Magnesium		5570		13.4	46.7
Manganese		302		0.27	8.0
Sodium		550		14.7	267
Nickel		13.0		0.69	6.7
Lead		102		0.56	6.7
Antimony		1.6	U	1.6	13.4
Selenium		1.2	U	1.2	13.4
Thallium		4.1	U	4.1	9.3
Vanadium		18.4		0.24	5.3
Zinc		93.1		2.0	26.7

7471A Mercury (CVAA)

Method: 7471A

Analysis Batch: 220-21981

Instrument ID:

Perkin Elmer FIMS

Preparation: 7471A

Prep Batch: 220-21962

Lab File ID:

N/A

Dilution: 1.0

Initial Weight/Volume: 0.69 g

Date Analyzed: 11/13/2008 1505

Final Weight/Volume: 50 mL

Date Prepared: 11/13/2008 1157

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.57		0.014	0.048

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-2

Lab Sample ID: 220-7124-10
Client Matrix: Water

Date Sampled: 11/04/2008 1130
Date Received: 11/05/2008 1858

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 220-21899	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21839	Lab File ID:	W111108
Dilution:	5.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/11/2008 1455		Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	6.5	U	6.5	50
Aluminum	46400		240	2500
Arsenic	22	U	22	100
Barium	840		6.0	50
Beryllium	5.9	J	5.5	50
Calcium	102000		310	2500
Cadmium	14	U	14	50
Cobalt	82		7.0	50
Chromium	150		5.0	50
Copper	360		7.0	50
Iron	327000		310	1200
Potassium	35500		400	2500
Magnesium	40300		240	2500
Manganese	5800		12	75
Sodium	114000		250	2500
Nickel	130		7.0	50
Lead	460		15	50
Antimony	44	U	44	200
Selenium	19	J	16	150
Thallium	40	U	40	150
Vanadium	190		6.0	50
Zinc	410		35	250

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-2

Lab Sample ID: 220-7124-10
Client Matrix: Water

Date Sampled: 11/04/2008 1130
Date Received: 11/05/2008 1858

7470A Mercury (CVAA)-Dissolved

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 11/12/2008 1050
Date Prepared: 11/11/2008 1622

Analysis Batch: 220-21911
Prep Batch: 220-21889

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11
Client Matrix: Water

Date Sampled: 11/05/2008 1036
Date Received: 11/05/2008 1858

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 220-21899	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-21839	Lab File ID:	W111108
Dilution:	5.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/11/2008 1501		Final Weight/Volume:	50 mL
Date Prepared:	11/10/2008 1350			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	6.5	U	6.5	50
Aluminum	468000		240	2500
Arsenic	150		22	100
Barium	4800		6.0	50
Beryllium	45	J	5.5	50
Calcium	326000		310	2500
Cadmium	14	U	14	50
Cobalt	470		7.0	50
Chromium	1100		5.0	50
Copper	4900		7.0	50
Iron	1190000		310	1200
Potassium	136000		400	2500
Magnesium	230000		240	2500
Manganese	43700		12	75
Sodium	192000		250	2500
Nickel	1100		7.0	50
Lead	1800		15	50
Antimony	44	U	44	200
Selenium	16	U	16	150
Thallium	40	U	40	150
Vanadium	1800		6.0	50
Zinc	2900		35	250

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-5

Lab Sample ID: 220-7124-11
Client Matrix: Water

Date Sampled: 11/05/2008 1036
Date Received: 11/05/2008 1858

7470A Mercury (CVAA)-Dissolved

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 11/12/2008 1054
Date Prepared: 11/11/2008 1622

Analysis Batch: 220-21911
Prep Batch: 220-21889

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

Client Sample ID: SB-6

Lab Sample ID: 220-7124-13
Client Matrix: Water

Date Sampled: 11/05/2008 1245
Date Received: 11/05/2008 1858

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 220-21911	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-21889	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	11/12/2008 1055		Final Weight/Volume:	50 mL
Date Prepared:	11/11/2008 1622			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

7470A Mercury (CVAA)-Dissolved

Method:	7470A	Analysis Batch: 220-21911	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-21889	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	11/12/2008 1056		Final Weight/Volume:	50 mL
Date Prepared:	11/11/2008 1622			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.090	U	0.090	0.20

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

General Chemistry

Client Sample ID: SB-4 (0.5'-2.5')

Lab Sample ID: 220-7124-1
Client Matrix: Solid

Date Sampled: 11/04/2008 0910
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.7		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	89.3		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

Client Sample ID: SB-4 (6-7')

Lab Sample ID: 220-7124-2
Client Matrix: Solid

Date Sampled: 11/04/2008 1330
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	88.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

Client Sample ID: SB-2 (2-4')

Lab Sample ID: 220-7124-3
Client Matrix: Solid

Date Sampled: 11/04/2008 1050
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.1		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	89.9		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

General Chemistry

Client Sample ID: SB-2 (7-9')

Lab Sample ID: 220-7124-4
Client Matrix: Solid

Date Sampled: 11/04/2008 1530
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.02		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	91.0		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

Client Sample ID: SB-1 (2-4')

Lab Sample ID: 220-7124-5
Client Matrix: Solid

Date Sampled: 11/04/2008 1430
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	89.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

Client Sample ID: SB-5 (2-4')

Lab Sample ID: 220-7124-6
Client Matrix: Solid

Date Sampled: 11/04/2008 1530
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.4		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	86.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

Client Sample ID: SB-9 (1-3')

Lab Sample ID: 220-7124-7
Client Matrix: Solid

Date Sampled: 11/05/2008 1350
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.37		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	95.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

Analytical Data

Client: AKRF Inc

Job Number: 220-7124-1
Sdg Number: 220-7124

General Chemistry

Client Sample ID: SB-9 (5-6)

Lab Sample ID: 220-7124-8
Client Matrix: Solid

Date Sampled: 11/05/2008 1420
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.10		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	90.9		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

Client Sample ID: SB-6 (4-5)

Lab Sample ID: 220-7124-9
Client Matrix: Solid

Date Sampled: 11/05/2008 1235
Date Received: 11/05/2008 1858

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			
Percent Solids	86.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-21765	Date Analyzed		11/06/2008 1644			

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 220-7124-1

Sdg Number: 220-7124

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	Surrogate exceeds the control limit
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	H	Sample was prepped or analyzed beyond the specified holding time
	*	Surrogate exceeds the control limit
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

Chain of Custody Record

TAL-0015 (05/08)

Client: **AKRF-Inc.** Project Manager: **Bryan Zveroff** Chain of Custody Number: **015637**
 Address: **34 South Broadway** Telephone Number: **(914) 922 2382** Field Telephone Number: **917 613 6022**
 City: **White Plains** State: **NY** Zip Code: **10601** Lab Contact: **Steve Gross** Date: **11/4/08** Page **2** of **2**
 Project Name and Location (State): **Former Dominoe Sugar - Kent Ave Brooklyn, NY** Analysis (Attach list if more space is needed):
 Contract/Purchase Order/Project No.: **11132-0001** Site Contact: **Steve Gross** Lab Contact: **Erin Gauss** (A fee may be assessed if samples are retained longer than 1 month)

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix		Containers & Preservatives							Other	Comments		
			Aqueous	Solid	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH					
SB-9					X										
(10) SB-9 (SB-2)	11/4/08	11:30	X		X	X	X	X	X	X	X	X	X	X	Groundwater
(11) SB-5	11/5/08	1036	X		X	X	X	X	X	X	X	X	X	X	Dissolved TAL
(12) Trip Blank			X		X	X	X	X	X	X	X	X	X	X	Metals were filtered in the field
(13) SB-6	11/5/08	1245	X		X	X	X	X	X	X	X	X	X	X	

State Regulatory QC Requirements

Turn Around Time Required (business days) Report/EDD Requirements
 24 Hours 48 Hours 5 Days 10 Days 15 Days Other _____

1. Relinquished By: **At Fin** Date: **11/5/08** Time: **1445** Category: **Adeliverables**
 2. Relinquished By: **Michael J. No** Date: **11/5/08** Time: **18:58**

3. Received By: **JL** Date: **11/5/08** Time: **18:58** Cooler Temps: **1.0°C, 2.8°C**

Passed Rad. Screen (Lab Use Only) Yes No

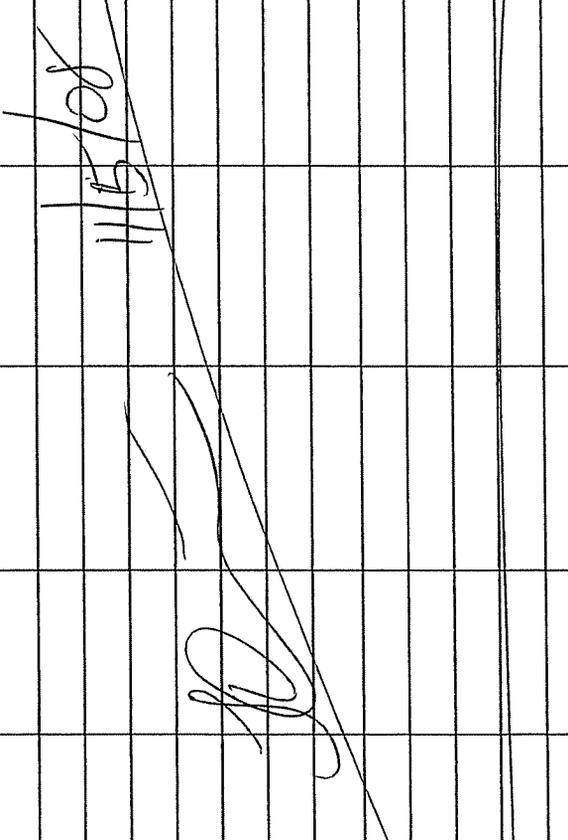
Comments: _____

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

220-729

TESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number:
Client:
Client Project:

Lab Number	Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Chlorine Residual	Initials	Date
220-7124-10x4	none	nA	nA	nA	nA	0	JD	11/5/08
-11x4	V	nA				0		
-13x4	none	nA				0		
-10	HNO3	2.2				nA		
-10		2.2						
-11		2.2						
-11	V	2.2						
-13		2.2						
220-7124-13	HNO3	2.2	nA	nA	nA	nA	JD	11/5/08
								

220-7124

AKRF/Demo Sugar

Date Received: 11/5/08

Sample #s: 1-13

Locations: A8, R-200, 99D, R-1K

TestAmerica - Connecticut
Internal Chain-of-Custody

Trip Blank: #12

QC: Air: -

FB: -

Soil: #1-9 Water: # 10-13

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
1-9	LB	LB	11/05	2050	Ext.	LB	LB	11/05	2134
10,11,13	LB	LB	11-08	14:00	EXT	LB	LB	11/08	1700
1-9	LB	BH	11/6	1800	EXT	BH	LB	11/6	2300
1-9	LB	LB	11/08	09:30	EXT	LB	LB	11/08	1630
10,11,13	LB	LB	11/08	15:30	EXT	LB	LB	11/08	1600
10,11,13	LB	BM	11/11	10:40	EXT	BM	LB	11/11	20:30
1-9	LB	D.A.F.	11/12	14:00	EXT	D.A.F.	LB	11/12	15:30
1-9	LB	LB	11/14	9:00	EXT	LB	LB	11/14	15:30
10,11,13	LB	LB				LB	LB		

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-7124-1

SDG Number: 220-7124

Login Number: 7124

Creator: Dini, Tracy

List Number: 1

List Source: TestAmerica Connecticut

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0C,2.8C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	