

Remedial Action Plan

For

3560-3584 White Plains Road &

709 East 212th Street

Block 4657, Lots 90, 94, and 96

OER Project Number 13EHAN521X

CEQR No. 11DCP148X

ULURP No. 110384ZMX

E-Designation E-279

Williamsbridge/Baychester Rezoning

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REMEDIAL ACTION PLAN

TABLE OF CONTENTS

CERTIFICATION	1
EXECUTIVE SUMMARY	2
COMMUNITY PROTECTION STATEMENT.....	6
REMEDIAL ACTION WORK PLAN	11
1.0 SITE BACKGROUND	11
1.1 Site Location and Current Usage	11
1.2 Proposed Redevelopment Plan	12
1.3 Description of Surrounding Property	12
2.0 REMEDIAL ACTION OBJECTIVES	18
Soil.....	18
Groundwater	18
Soil Vapor.....	18
3.0 REMEDIAL ALTERNATIVES ANALYSIS	19
3.1 Threshold Criteria	21
3.2 Balancing Criteria	22
4.0 SUMMARY OF REMEDIAL ACTION	29
4.1 Soil Cleanup Objectives and Soil/Fill Management.....	31
End-Point Sampling.....	32
Quality Assurance/Quality Control	34
Import and Reuse of Soil	37
4.3 Engineering Controls	37
Composite Cover System	37
4.4 Institutional Controls	39
4.5 Site Management Plan	40

4.6	Qualitative Human Health Exposure Assessment	41
5.0	REMEDIAL ACTION MANAGEMENT	46
5.1	Project Organization and Oversight	46
5.2	Site Security.....	46
5.3	Work Hours	46
5.4	Construction Health and Safety Plan.....	46
5.5	Community Air Monitoring Plan	47
	5.5.1 VOC Monitoring, Response Levels, and Actions.....	48
	5.5.2 Particulate Monitoring, Response Levels, and Actions	49
5.6	Agency Approvals	49
5.7	Site Preparation.....	50
	5.7.1 Pre-Construction Meeting	50
	5.7.2 Mobilization.....	50
	5.7.3 Utility Marker Layouts, Easement Layouts	50
	5.7.4 Equipment and Material Staging.....	51
	5.7.5 Stabilized Construction Entrance.....	51
	5.7.6 Truck Inspection Station	51
5.8	Traffic Control.....	51
5.9	Demobilization	51
5.10	Reporting and Record Keeping	52
	5.10.1 Daily Reports	52
	5.10.2 Record Keeping and Photo-Documentation	53
5.11	Complaint Management	53
5.12	Deviations from the Remedial Action Plan.....	53
6.0	REMEDIAL CLOSURE REPORT.....	55
7.0	SCHEDULE.....	58

FIGURES

Figure 1 – Site Location

Figure 2 – Sampling Location Plan

Figure 3 – Proposed Excavation and Endpoint Sample Location Plan

Figure 4 – Site Composite Cover (Cellar and Ground Floor Plans)

TABLES

Table 1 – Estimated Soil/Fill Removal Quantities

Table 2 – Schedule

APPENDICES

Appendix 1 - Citizen Participation Plan

Appendix 2 - Sustainability Statement

Appendix 3 - Soil/Materials Management Plan

Appendix 4 - Construction Health and Safety Plan

Appendix 5 – Proposed Redevelopment Plans

Appendix 6 – Previous Environmental Investigations and Reports (CD)

Appendix 7 –Preliminary Plans and Specifications for Vapor Barrier/Waterproofing Membrane and Sub-slab Depressurization System

LIST OF ACRONYMS

Acronym	Definition
AST	Aboveground Storage Tank
CAMP	Community Air Monitoring Plan
C&D	Construction & Demolition
CEQR	City Environmental Quality Review
CFR	Code of Federal Regulations
CHASP	Construction Health and Safety Plan
CO	Certificate of Occupancy
CPC	City Planning Commission
DSNY	Department of Sanitation
“E”	E-Designation
EAS	Environmental Assessment Statement
EIS	Environmental Impact Statement
ESA	Environmental Site Assessment
EC/IC	Engineering Control and Institutional Control
ELAP	Environmental Laboratory Accreditation Program
FDNY	New York City Fire Department
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations Emergency Response
IDW	Investigation Derived Waste
Notice - NNO	Notice of No Objection
Notice - NTP	Notice To Proceed
Notice - NOS	Notice Of Satisfaction
Notice - FNOS	Final Notice of Satisfaction
NYC BSA	New York City Board of Standards and Appeals
NYC DCP	New York City Department of City Planning
NYC DEP	New York City Department of Environmental Protection
NYC DOB	New York City Department of Buildings
NYC DOF	New York City Department of Finance
NYC HPD	New York City Housing Preservation and Development

NYCRR	New York Codes Rules and Regulations
NYC OER	New York City Office of Environmental Remediation
NYS DEC	New York State Department of Environmental Conservation
NYS DEC DER	New York State Department of Environmental Conservation Division of Environmental Remediation
NYS DEC PBS	New York State Department of Environmental Conservation Petroleum Bulk Storage
NYS DOH	New York State Department of Health
NYS DOT	New York State Department of Transportation
OSHA	United States Occupational Health and Safety Administration
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
PE	Professional Engineer
PID	Photo Ionization Detector
PM	Particulate Matter
QEP	Qualified Environmental Professional
RA	Registered Architect
RAP	Remedial Action Plan
RCA	Recycled Concrete Aggregate
RCR	Remedial Closure Report
RD	Restrictive Declaration
RI	Remedial Investigation
SCOs	Soil Cleanup Objectives
SCG	Standards, Criteria and Guidance
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SSDS	Sub-Slab Depressurization System
SVOCs	Semi-Volatile Organic Compounds
USCS	Unified Soil Classification System
USGS	United States Geological Survey
UST	Underground Storage Tank
TAL	Target Analyte List
TCL	Target Compound List
TCO	Temporary Certificate of Occupancy

VB	Vapor Barrier
VOCs	Volatile Organic Compounds

CERTIFICATION

I, Michelle Lapin, am a Professional Engineer licensed in the State of New York. I have primary direct responsibility for implementation of the remedial action for the 3560-3584 White Plains Road & 709 East 212th Street Site (OER Project # 13EHAN521X and VCP Site # 14CVCP239X).

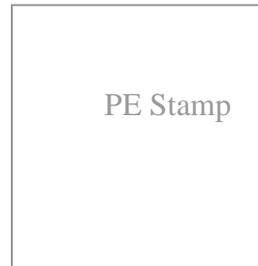
I certify that this Remedial Action Plan (RAP) has a plan for handling, transport and disposal of soil, fill, fluids and other materials removed from the property in accordance with applicable City, State and Federal laws and regulations. Importation of all soil, fill and other material from off-Site will be in accordance with all applicable City, State and Federal laws and requirements. This RAP has provisions to control nuisances during the remediation and all invasive work, including dust and odor suppression.

Name

NYS PE License Number

Signature

Date



EXECUTIVE SUMMARY

3560 WPR LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate an approximately 21,000-square foot site located at 3560-3584 White Plains Road & 709 East 212th Street in the Bronx, New York. A remedial investigation (RI) was performed to compile and evaluate data and information necessary to develop this Remedial Action Work Plan (RAWP). The remedial action described in this document achieves the remedial objectives, complies with applicable environmental standards, criteria and guidance and conforms to applicable laws and regulations.

Site Location and Current Usage

The Site is located in the Williamsbridge section of the Bronx and is identified as Tax Block 4657, Lots 90, 94, and 96 on the New York City Tax Map. Figure 1 shows the Site location. The Site totals approximately 21,000 square feet and is bounded to the north by East 213th Street and residential/commercial structures including a grocery; to the east by residential structures; to the south by East 212th Street, a grocery and an undeveloped lot; and to the west by White Plains Road and a parking lot beneath elevated MTA subway tracks. Currently, the Site includes a 12,900-square foot, two-story commercial/retail building with a partial basement on Lot 94; an approximately 11,000-square foot, two-story commercial/retail building with a partial basement on Lot 96; and an approximately 5,000-square foot vacant lot at Lot 90. The buildings on Lots 94 and 96 contain unfinished crawlspaces beneath portions of the first floor (on the eastern side of the buildings) that are separated from the basement areas by vertical concrete block walls.

Summary of Proposed Redevelopment Plan

The proposed use of the Site will consist of a two-story commercial structure (with subsequent residential vertical enlargements) on Lots 90, 94 and 96. Although the east-adjacent tax lot (Lot 89) will be eventually incorporated into the project, as future development plans for Lot 89 have not been finalized, it is not included in this RAWP. Preliminary architectural plans for the proposed construction are included as Appendix 5. The proposed construction would require limited ground disturbance as follows:

Lot 96:

The existing building would be converted to a fitness center and other commercial uses. The proposed conversion would require excavation of approximately two feet below ground surface (bgs) for the installation of an elevator pit in the basement and excavation of approximately two feet bgs for a small footing in the northeastern portion of the basement for a new staircase.

Lots 90 and 94

The existing Lot 94 building would be structurally reinforced for conversion to a fitness center and would require ground disturbance in limited areas to approximately 3 to 11 feet below the existing cellar slab for new footings, new grade beams, and the foundation for a new staircase. The proposed commercial space on the ground floor of Lot 90 would require excavation in a small area to between 10 and 12 feet below sidewalk grade for an elevator pit; and new footings, foundations and slab-on-grade in other areas. Development on Lot 90 will not include a cellar level, but some limited regrading will be required, including potential removal of a historical concrete slab and some bedrock.

Summary of the Remedy

The proposed remedial action achieves protection of public health and the environment for the intended use of the property. The proposed remedial action achieves all of the remedial action objectives established for the project and addresses applicable standards, criterion, and guidance; is effective in both the short-term and long-term and reduces mobility, toxicity and volume of contaminants; is cost effective and implementable; and uses standards methods that are well established in the industry. The proposed remedial action will consist of:

1. Preparation of a Community Protection Statement and performance of all required NYC VCP Citizen Participation activities according to an approved Citizen Participation Plan;
2. Performance of a Community Air Monitoring Program for particulates and volatile organic compounds;

3. Establishment of Track 4 Site Specific Soil Cleanup Objectives (SCOs);
4. Excavation and removal of soil/fill exceeding Track 4 Site Specific SCOs. For development purposes, the portions of the property will be excavated to depth of 3-12 feet for new footings, new grade beams, elevator pits and the foundation for a new staircase, and construction of the buildings slab. Approximately 1,800 cubic yards of soil will be removed;
5. Screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID. Appropriate segregation of excavated media on-site;
6. Removal of underground storage tanks (if encountered) and closure of petroleum spills (if evidence of a spill/leak is encountered during Site excavation) in compliance with applicable local, State and Federal laws and regulations;
7. Transportation and off-Site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampling and analysis of excavated media as required by disposal facilities;
8. Collection and analysis of post-excavation end-point samples to determine the performance of the remedy with respect to attainment of SCOs;
9. Import of materials to be used for backfill and cover in compliance with this plan and in accordance with applicable laws and regulations;
10. As part of development, installation of a vapor barrier system below the basement concrete slab and behind the foundation walls of the proposed building. On Lots 90 and 94, the Load-bearing Foamglas[®] vapor/waterproofing barrier will be installed under the new slab. Additionally, a 4-inch foamglas layer with new concrete slab will be above new grade beams and footings. On Lot 96, the new slab and existing foundation walls will be coated with Aquafin Vaportight Coat[®]-SG2 vapor proofing. Pipe penetrations (e.g., for the SSDS system) will be sealed with Aquafin Vaportight Coat[®]-SG2. Grace Florprufe[®] 120 will be applied beneath/around the proposed elevator pit;
11. Installation and operation of active sub-slab depressurization system (SSDS) at lots 94 and 96. On lot 96, SSDS suction pits will be connected through a network of overhead

and/or underground piping, to a fan which will apply negative pressure to the target area to capture soil vapor. On Lot 94, The system will consist of an underground slotted piping (manifolded) to capture potential vapors below the new slab, and vented above the roof of the building;

12. Construction and maintenance of an engineered composite cover consisting of the concrete building slabs (no landscaped areas are planned) to prevent human exposure to residual soil/fill remaining under the Site. The composite system for the new construction would include new footings, new grade beams, and concrete slabs to be covered with Foamglas[®] vapor/waterproofing barrier. Existing cellar walls and slabs would be sealed with sprayed on Aquafin Vaportight Coat[®]-SG2 (or similar).
13. Performance of all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations;
14. Implementation of stormwater pollution prevention measures in compliance with applicable laws and regulations;
15. Submission of a Remedial Action Report (RAR) that describes the remedial activities, certifies that the remedial requirements have been achieved, defines the Site boundaries, and lists any changes from this RAWP;
16. Submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency; and
17. The property will continue to be registered with an E-Designation at the NYC Buildings Department. Establishment of Engineering Controls and Institutional Controls in this RAWP and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4)

higher level of land usage without OER-approval.

COMMUNITY PROTECTION STATEMENT

The Office of Environmental Remediation created the New York City Voluntary Cleanup Program (NYC VCP) to provide governmental oversight for the cleanup of contaminated property in NYC. This Remedial Action Work Plan (cleanup plan) describes the findings of prior environmental studies that show the location of contamination at the Site, and describes the plans to clean up the Site to protect public health and the environment.

This cleanup plan provides a very high level of protection for neighboring communities and also includes many other elements that address common community concerns, such as community air monitoring, odor, dust and noise controls, hours of operation, good housekeeping and cleanliness, truck management and routing, and opportunities for community participation. The purpose of this Community Protection Statement is to explain these community protection measures in non-technical language to simplify community review.

Remedial Investigation and Cleanup Plan. Under the NYC VCP, a thorough cleanup study of this property (called a remedial investigation) has been performed to identify past property usage, to sample and test soil, groundwater and soil vapor, and identify contaminant sources present on the property. The cleanup plan has been designed to address all contaminant sources that have been identified during the study of this property.

Identification of Sensitive Land Uses. Prior to selecting a cleanup, the neighborhood was evaluated to identify sensitive land uses nearby, such as schools, day care facilities, hospitals and residential areas. The cleanup program was then tailored to address the special conditions of this community.

Qualitative Human Health Exposure Assessment. An important part of the cleanup planning for the Site is the performance of a study to find all of the ways that people might come in contact with contaminants at the Site now or in the future. This study is called a Qualitative Human Health Exposure Assessment (QHHEA). A QHHEA was performed for this project.

This assessment has considered all known contamination at the Site and evaluated the potential for people to come in contact with this contamination. All identified public exposures will be addressed under this cleanup plan.

Health and Safety Plan. This cleanup plan includes a Construction Health and Safety Plan (CHASP) that is designed to protect community residents and on-Site workers. The elements of this plan are in compliance with safety requirements of the United States Occupational Safety and Health Administration (OSHA). This plan includes many protective elements including those discussed below.

Site Safety Coordinator. This project has a designated Site Safety Coordinator to implement the Health and Safety Plan. The Site Safety Coordinator maintains an emergency contact sheet and protocol for management of emergencies. The Site Safety Coordinator is Robert Andrews who can be reached at (917) 842-6781.

Worker Training. Workers participating in cleanup of contaminated material on this project are required to be trained in a 40-hour hazardous waste operators training course and to take annual refresher training. This pertains only to workers performing specific tasks including removing hazardous material and installing cleanup systems in contaminated areas.

Community Air Monitoring Plan. Community air monitoring will be performed during this cleanup project to ensure that the community is properly protected from contaminants, dust and odors. Air samples will be tested in accordance with a detailed plan called the Community Air Monitoring Plan (CAMP). Results will be regularly reported to the NYC OER. This cleanup plan also has a plan to address any unforeseen problems that might occur during the cleanup (called a 'Contingency Plan').

Odor, Dust and Noise Control. This cleanup plan includes actions for odor and dust control. These actions are designed to prevent off-Site odor and dust nuisances and includes steps to be taken if nuisances are detected. Generally, dust is managed by application of physical covers and by water sprays. Odors are controlled by limiting the area of open excavations, physical covers, spray foams and by a series of other actions (called operational measures). The project is also

required to comply with NYC noise control standards. If you observe problems in these areas, please contact the on-Site Project Manager, Ms. Neoma Chefalo (AKRF) at (646) 388-9854 or NYC Office of Environmental Remediation Project Manager, Rebecca Bub at (212) 341-2073.

Quality Assurance. This cleanup plan requires that evidence be provided to illustrate that all cleanup work required under the plan has been completed properly. This evidence will be summarized in the final report, called the Remedial Action Report. This report will be submitted to the NYC Office of Environmental Remediation and will be thoroughly reviewed.

Storm-Water Management. To limit the potential for soil erosion and discharge, this cleanup plan has provisions for stormwater management. The main elements of the storm water management include physical barriers such as tarp covers and erosion fencing, and a program for frequent inspection.

Hours of Operation. The hours for operation of cleanup will comply with the NYC Department of Buildings construction code requirements or according to specific variances issued by that agency. For this cleanup project, the hours of operation are 7:00 AM to 5:00 PM Monday through Friday.

Signage. While the cleanup is in progress, a placard will be prominently posted at the main entrance of the property with a laminated project Fact Sheet that states that the project is in the NYC Voluntary Cleanup Program, provides project contact names and numbers, and locations of project documents can be viewed.

Complaint Management. The contractor performing this cleanup is required to address all complaints. If you have any complaints, you can call the facility Project Manager, Ms. Neoma Chefalo (AKRF) at (646) 388-9854, the NYC Office of Environmental Remediation Project Manager, Rebecca Bub at (212) 341-2073, or call 311 and mention the Site is in the NYC Voluntary Cleanup Program.

Utility Mark-outs. To promote safety during excavation in this cleanup, the contractor is required to first identify all utilities and must perform all excavation and construction work in compliance with NYC Department of Buildings regulations.

Soil and Liquid Disposal. All soil and liquid material removed from the Site as part of the cleanup will be transported and disposed of in accordance with all applicable City, State and Federal regulations and required permits will be obtained.

Soil Chemical Testing and Screening. All excavations will be supervised by a trained and properly qualified environmental professional. In addition to extensive sampling and chemical testing of soil on the Site, excavated soil will be screened continuously using hand-held instruments, by sight, and by smell to ensure proper material handling and management, and community protection.

Stockpile Management. Soil stockpiles will be kept covered with tarps to prevent dust, odors and erosion. Stockpiles will be frequently inspected. Damaged tarp covers will be promptly replaced. Stockpiles will be protected with silt fences. Hay bales will be used, as needed to protect storm water catch basins and other discharge points.

Trucks and Covers. Loaded trucks leaving the Site will be covered in compliance with applicable laws and regulations to prevent dust and odor. Trucks will be properly recorded in logs and records and placarded in compliance with applicable City, State and Federal laws, including those of the New York State Department of Transportation. If loads contain wet material that can leak, truck liners will be used. All transport of materials will be performed by licensed truckers and in compliance with all laws and regulations.

Imported Material. All fill materials proposed to be brought onto the Site will comply with rules outlined in this cleanup plan and will be inspected and approved by a qualified worker located on-Site. Waste materials will not be brought onto the Site. Trucks entering the Site with imported clean materials will be covered in compliance with applicable laws and regulations.

Equipment Decontamination. All equipment used for cleanup work will be inspected and washed, if needed, before it leaves the Site. Trucks will be cleaned at a truck inspection station on the property before leaving the Site.

Housekeeping. Locations where trucks enter or leave the Site will be inspected every day and

cleaned regularly to ensure that they are free of dirt and other materials from the Site.

Truck Routing. Truck routes have been selected to: (a) limit transport through residential areas and past sensitive nearby properties; (b) maximize use of city-mapped truck routes; (c) limit total distance to major highways; (d) promote safety in entry to highways; (e) promote overall safety in trucking; and (f) minimize off-Site line-ups (queuing) of trucks entering the property. Operators of loaded trucks leaving the Site will be instructed not to stop or idle in the local neighborhood.

Final Report. The results of all cleanup work will be fully documented in a final report (called a Remedial Action Report) that will be available for you to review in the document repository located on OER's website.

Long-Term Site Management. If long-term protection after the cleanup is required, the property owner will be required to comply with an ongoing Site Management Plan that calls for continued inspection of protective controls, such as Site covers. The Site Management Plan is evaluated and approved by the NYC OER. Requirements that the property owner must comply with are established through a city environmental designation. A certification of continued protectiveness of the cleanup will be required from time to time to show that the approved cleanup is still effective.

REMEDIAL ACTION WORK PLAN

1.0 SITE BACKGROUND

3560 WPR LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate an approximately 21,000-square foot site located at 3560-3584 White Plains Road & 709 East 212th Street in the Bronx, New York. A remedial investigation (RI) was performed to compile and evaluate data and information necessary to develop this Remedial Action Work Plan (RAWP). The remedial action described in this document achieves the remedial objectives, complies with applicable environmental standards, criteria and guidance and conforms to applicable laws and regulations.

1.1 Site Location and Current Usage

The Site is located in the Williamsbridge section of the Bronx, New York and is identified as Tax Block 4657, Lots 90, 94, and 96 on the New York City Tax Map. Figure 1 shows the Site location. The Site totals approximately 21,000 square feet and is bounded to the north by East 213th Street and residential/commercial structures including a grocery; to the east by residential structures; to the south by East 212th Street, a grocery and an undeveloped lot; and to the west by White Plains Road and a parking lot beneath elevated MTA subway tracks. Currently, the Site includes a 12,900-square foot, two-story commercial/retail building with a partial basement on Lot 94; an approximately 11,000-square foot, two-story commercial/retail building with a partial basement on Lot 96; and an approximately 5,000-square foot vacant lot at Lot 90. The buildings on Lots 94 and 96 contain unfinished crawlspaces beneath portions of the first floor (on the eastern side of the buildings) that are separated from the basement areas by vertical concrete block walls.

1.2 Proposed Redevelopment Plan

The proposed use of the Site will consist of a two-story commercial structure (with subsequent residential vertical enlargements) on Lots 90, 94 and 96. Future development plans for the east-adjacent Lot 89 have not been finalized and as such, it is not included in this RAWP. Preliminary architectural plans for the proposed construction are included as Appendix 5. The proposed construction would require limited ground disturbance as described below:

Lot 96

The existing building would be converted to a fitness center and other commercial uses. The proposed conversion would require excavation of approximately two feet below ground surface (bgs) for the installation of an elevator pit in the basement and excavation of approximately two feet bgs for a small footing in the northeastern portion of the basement for a new staircase.

Lots 90 and 94

The existing Lot 94 building would be structurally reinforced for conversion to a fitness center and would require ground disturbance in limited areas to approximately 3 to 11 feet below the existing cellar slab for new footings, new grade beams, and the foundation for a new staircase. The proposed commercial space on the ground floor of Lot 90 would require excavation in a small area to between 10 and 12 feet below sidewalk grade for an elevator pit; and new footings, foundations and slab on grade in other areas. Development on Lot 90 will not include a cellar level, but some limited regrading will be required including potentially removal of a historical concrete slab and some bedrock.

1.3 Description of Surrounding Property

The Site is abutted to the north by East 213th Street and residential/commercial structures including a grocery; to the east by residential structures; to the south by East 212th Street, a grocery and an undeveloped lot; and to the west by White Plains Road and a parking lot beneath elevated MTA subway tracks. The surrounding is mixed-use, with nearby residential, commercial, institutional and industrial uses, including a former electrical substation on the south-adjacent block.

Figure 1 shows the surrounding land usage.

1.4 REMEDIAL INVESTIGATION

A remedial investigation was performed and the results are documented in a companion document called “*Remedial Investigation Report (RIR), 3560-3584 White Plains Road & 709 East 212th Street, Bronx, NY*”, dated February 2014.

Summary of Past Uses of Site and Areas of Concern

A review of historical information in AKRF’s September 2013 *Phase I ESA* indicated that the 3560-3572 White Plains Road properties (Lots 94 and 96) comprised vacant land, dwellings and small outbuildings until 1935, when the lots were developed with the current two-story commercial buildings. An undertaker was shown at 3584 White Plains Road on the 1950 Sanborn map. A 1966 New York City Department of Buildings (NYCDOB) Certificate of Occupancy (C of O) identified a dry cleaning establishment at 3584 White Plains Road and the regulatory database identified the address as a RCRA generator of spent halogenated solvents and still bottoms from 1989 through 1993. The Property on East 212th Street (Lots 89 and 90) was improved with two, two-story residential buildings in 1918. The building on the 709 East 212th Street property (Lot 90) was razed in 1983 and replaced with vacant land.

AKRF’s 2013 Phase I ESA included the Site and the east-adjacent tax lot (Lot 89). The results of the report identified the following Recognized Environmental Conditions (RECs):

- The Site was assigned an NYC (E) designation (E-279) for Hazardous Material/Phase I and Phase II Testing Protocol as part of the Williamsbridge/Baychester Rezoning in 2011.
- A 1966 New York City Department of Buildings (NYCDOB) Certificate of Occupancy (C of O) identified a dry cleaning establishment with a Site address (3584 White Plains Road). The Site was listed in the regulatory database as a RCRA generator of spent halogenated solvents and still bottoms from 1989 through 1993. An undertaker was shown at 3584 White Plains Road on the 1950 Sanborn map. It was noted that such operations may have included the use of formaldehyde and other chemicals.

- A 1948 C of O identified a dress manufacturing establishment at the Site on 3560 White Plains Road. Although unlikely to be associated with releases of hazardous materials, clothing manufacturing is included in the list of uses requiring assessment in the NYC CEQR Technical Manual.
- An apparent historical fill port and vent pipe were observed within the sidewalk west-adjacent to 3560 White Plains Road. NYCDOB electronic files indicated a fuel oil permit issued in 1947 for a 1,000-gallon fuel oil tank at this location and a 1993 permit for a new No. 2 fuel oil burner at 3572 White Plains Road. Site personnel indicated that a historical aboveground fuel oil tank was removed over 10 years ago.
- Historical City Directories identified former on-site industrial uses on Lot 94 that could have involved hazardous materials at the Site including: Nass Morris Floor Coverings in 1949 and 1956; and Pete S Fine Floor Covering Corp. in 1965.
- The report also identified on-site environmental concerns including suspect asbestos-containing materials (ACM), lead-based paint, polychlorinated biphenyl (PCB)- or mercury-containing components within building materials and/or lighting/electrical fixtures and fill materials.

The AOCs identified for this Site include:

- Historic fill layer is present at the Site from grade to depths as great as 12 feet below grade.
- Previous uses on Lot 96 included an undertaker and a dry cleaner.
- A 1948 C of O identified a dress manufacturing establishment on Lot 94. Although unlikely to be associated with releases of hazardous materials, clothing manufacturing is included in the list of uses requiring assessment in the CEQR Technical Manual.
- Two apparent historical fill ports and vent pipes were observed: one within the sidewalk west-adjacent to Lot 94 and another protruding from the southwestern portion of the basement of Lot 89. Site personnel indicated that both fuel oil ASTs were removed between 10 and 15 years ago.

- Historical City Directories identified former industrial uses on Lot 94 including Nass Morris Floor Coverings in 1949 and 1956, and Pete S. Fine Floor Covering Corp. in 1965.

Summary of the Work Performed under the Remedial Investigation

AKRF, on behalf of 3560 WPR LLC, performed the following scope of investigation work on the Site and the east-adjacent tax lot (Lot 89) in accordance with the OER-approved November 2013 RIWP :

1. Conducted a Site inspection to identify AOCs and physical obstructions;
2. Installed 8 soil borings across the entire project Site, and collected 16 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Up to three attempts per boring were made to install groundwater wells. Refusal was encountered in all locations at depths of approximately 1 to 12 feet below grade.
4. Installed ten soil vapor probes around the Site perimeter and collected ten samples for chemical analysis.

Digital (PDF) copies of these environmental work plans and reports are included as Appendix 6.

Summary of Environmental Findings

1. The Site elevation is approximately 110 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level).
2. Groundwater was not encountered during the Remedial Investigation. Based on a previous geotechnical study, depth to groundwater ranges from approximately 14 to 16 feet below ground surface at the Site (within the bedrock).
3. Based on the topographical data, groundwater is assumed to flow in a generally westerly direction towards the Bronx River (approximately 1,100 feet away).

4. Previous geotechnical investigations conducted at the Site encountered bedrock at approximately 10 feet below ground surface. Apparent bedrock was observed immediately beneath the buildings on Lots 94 and 96 during the RI and there is a bedrock outcrop in the crawl spaces.
5. Soil observed in the borings advanced during the RI consisted primarily of sandy fill materials (including brick fragments) with silt with varying amounts of gravel and schist fragments to termination depths of 12 feet below ground surface prior to refusal on apparent bedrock.
6. Soil samples collected during remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 (Unrestricted Use SCOs) and Track 2 (Restricted Residential SCOs). Soil/fill samples showed no polychlorinated biphenyls (PCBs) or volatile organic compounds (VOCs) exceeding NYSDEC Unrestricted Use Soil Cleanup Objectives or Restricted Residential Soil Cleanup Objectives. Seven SVOCs, all polycyclic aromatic hydrocarbons (PAHs), were detected in one sample above Unrestricted Use SCOs and included Benzo(a)anthracene (2 mg/kg), Benzo(a)pyrene (1.8 mg/Kg), Benzo(b)fluoranthene (2.6 mg/Kg), Benzo(ghi)perylene (1.1 mg/Kg), Benzo(k)fluoranthene (0.94 mg/Kg), Chrysene (2.3 mg/Kg), Indeno(1,2,3-cd)Pyrene (1.2 mg/Kg). Of these, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, and Indeno(1,2,3-cd)Pyrene also exceeded their respective Restricted Residential SCOs. No SVOCs were detected in any other soil sample exceeding Unrestricted Use SCOs. Metals including nickel, lead, mercury, copper and chromium exceeded Unrestricted Use SCOs in six samples. Of these metals, only mercury (max of 2.6 mg/Kg) was detected above its Restricted Residential SCO in one sample. Two pesticides, 4,4'-DDE (4.3 ppb) and 4,4'-DDT (13.4 ppb), exceeded their respective Unrestricted Use SCOs in one shallow soil sample. The detected levels of SVOCs, metals and pesticides are likely attributable to the historical fill beneath the Site (observed in the soil borings during the RI). There was no evidence of a release or spill (e.g., odors, staining, or significant PID readings).

7. Groundwater was not encountered during the RI due to refusal resulting from shallow bedrock. Based on a previous geotechnical study, depth to groundwater ranges from approximately 14 to 16 feet below ground surface at the Site.
8. Soil vapor samples collected during the RI showed moderate to high levels of several petroleum-related and chlorinated VOCs. Thirty One VOCs were detected at a total concentrations ranging from 1.18 to 793 micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$). PCE was detected in 8 samples ranging from 1 $\mu\text{g}/\text{m}^3$ to a maximum concentration of 793 $\mu\text{g}/\text{m}^3$. The New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006 revised September 2013) value (AGV) for PCE (30 $\mu\text{g}/\text{m}^3$) was exceeded in two soil vapor samples (within Lots 94 and 96 at 144 and 793 $\mu\text{g}/\text{m}^3$, respectively). TCE was detected in three samples ranging from 6.66 to 16.2 $\mu\text{g}/\text{m}^3$, all of which exceeded the NYSDOH AGV of 5 $\mu\text{g}/\text{m}^3$. Overall, highest reported concentrations were for acetone, detected at 1,470 $\mu\text{g}/\text{m}^3$ at SV-10 (there is no AGV for acetone). Low levels of VOCs typically associated with gasoline (1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, heptane, xylenes, n-hexane, and toluene) were detected at concentrations up to 86.3 $\mu\text{g}/\text{m}^3$; (there are no AGVs for these compounds).

For more detailed results, consult the RIR. Based on an evaluation of the data and information from the RIR and this RAWP, disposal of significant amounts of hazardous waste is not suspected at this Site.

2.0 REMEDIAL ACTION OBJECTIVES

Based on the results of the RI, the following Remedial Action Objectives (RAOs) have been identified for this Site:

Soil

- Prevent direct contact with contaminated soil.
- Prevent exposure to contaminants volatilizing from contaminated soil.

Groundwater

- Prevent direct exposure to groundwater.

Soil Vapor

- Prevent exposure to contaminants in soil vapor.
- Prevent migration of soil vapor into dwellings and other occupied structures.

3.0 REMEDIAL ALTERNATIVES ANALYSIS

The goal of the remedy selection process is to select a remedy that is protective of human health and the environment taking into consideration the current, intended and reasonably anticipated future use of the Site. The remedy selection process begins by establishing remedial action objectives (RAOs) for media in which chemical constituents were found in exceedance of applicable standards, criteria and guidance values (SCGs). A remedy is then developed based on the following ten criteria:

- Protection of human health and the environment;
- Compliance with SCGs;
- Short-term effectiveness and impacts;
- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume of contaminated material;
- Implementability;
- Cost effectiveness;
- Community Acceptance;
- Land use; and
- Sustainability.

The following is a detailed description of the alternatives analysis and remedy selection to address impacted media at the Site. As required, a minimum of two remedial alternatives (including a Track 1 scenario) are evaluated, as follows:

Alternative 1 involves:

- Establishment of Unrestricted Use (Track 1) Soil Cleanup Objectives (SCOs).
- Removal of all soil/fill exceeding Unrestricted Use SCOs throughout the Site and confirmation that Track 1 Unrestricted Use SCOs has been achieved with post-excavation endpoint sampling. This alternative would require removing the existing basement floor

on lots 94 and 96; provide shoring as necessary to support the building, and excavating of the soil across the entire Site. Based on the results of the RI, this would likely require an excavation depth of up to 12 feet below the current basement floor. Subsequent to soil removal, the area would be backfilled with certified clean fill.

- No Engineering or Institutional Controls are required for a Track 1 cleanup, but a vapor barrier would be installed beneath the foundation and behind foundation sidewalls of the new building as a part of development to prevent any potential future exposures from off-Site soil vapor.
- Installation of a Sub Slab Depressurization system (SSDS) as part of new construction.
- Placement of a final cover over the entire Site as part of new development.

Alternative 2 involves

- Establishment of Site-Specific (Track 4) SCOs.
- The basement floor of the existing buildings on Lot 96 will remain in-place. A new building slab would be placed under the existing building on Lot 94 and beneath the new building on Lot 90. The proposed development would include ground disturbance in limited areas to approximately 3 to 11 feet below the existing cellar slab for new footings, new grade beams, and the foundation for a new staircase. The proposed commercial space on the ground floor of Lot 90 would require excavation in a small area to between 10 and 12 feet below sidewalk grade for an elevator pit; and new footings, foundations and slab-on-grade in other areas.
- Placement of a final cover over the entire Site to prevent exposure to remaining soil/fill. The final cover will be the existing building slab on Lot 96 and the new building slabs on Lots 90 and 94.
- Existing cellar walls and slabs would be sealed with sprayed on Aquafin Vaportight Coat[®]-SG2 (or similar).
- A vapor barrier system would be applied to the existing building slab on Lot 96, and a waterproofing system would be installed under the new slab on lots 94 and 90 to prevent any potential future exposures from soil vapor.

- Installation of an active Sub Slab Depressurization System beneath the building slab on Lots 94 and 96 to mitigate the potential for soil vapor intrusion.
- Establishment of use restrictions including prohibitions on the use of groundwater from the Site; prohibitions of sensitive Site uses, such as farming or vegetable gardening, to prevent future exposure pathways; and prohibition of a higher level of land use without OER approval.
- Establishment of an approved Site Management Plan (SMP) to ensure long-term management of these Engineering and Institutional Controls including the performance of periodic inspections and certification that the controls are performing as they were intended; and continued registration as an E-designated property to memorialize the remedial action and the Engineering and Institutional Controls required by the RAWP.

3.1 Threshold Criteria

Protection of Public Health and the Environment

This criterion is an evaluation of the remedy's ability to protect public health and the environment, and an assessment of how risks posed through each existing or potential pathway of exposure are eliminated, reduced or controlled through removal, treatment, and implementation of Engineering Controls or Institutional Controls. Protection of public health and the environment must be achieved for all approved remedial actions.

Alternative 1 would be protective of human health and the environment by removing contaminated soil/fill exceeding Track 1 Unrestricted Use SCOs and groundwater protection standards, thus eliminating potential for direct contact with contaminated soil/fill once construction is complete and eliminating the risk of contaminants leaching into groundwater.

Alternative 2 would achieve comparable protections of human health and the environment by managing soil/fill in-place and ensuring that remaining soil/fill on-site meets Track 4 Site-Specific SCOs, as well as by placement of Institutional and Engineering controls, including a vapor barrier, active SSDS system on lots 94 and 96, and a composite cover system. The composite cover system would prevent direct contact with any remaining on-Site soil/fill.

Implementing Institutional Controls including a Site Management Plan would ensure that the composite cover system remains intact and protective. Establishment of Track 4 Site-Specific SCOs would minimize the risk of contamination leaching into groundwater.

For both Alternatives, potential exposure to the contaminated soil or groundwater during construction would be minimized by implementing a Construction Health and Safety Plan (CHASP), a Soil and Materials Management Plan, and Community Air Monitoring Plan (CAMP). Groundwater is 14 to 16 feet deep and is not expected to be encountered during development, and potential contact with groundwater would be prevented, as City laws and regulations prohibit its use. Potential future migration of off-site soil vapors into the new building would be prevented by installing a vapor barrier system below the new building's basement slab and continuing the vapor barrier around the foundation walls, and by installing an active SSDS system.

3.2 Balancing Criteria

Compliance with Standards, Criteria and Guidance (SCGs)

This evaluation criterion assesses the ability of the alternative to achieve applicable standards, criteria and guidance.

Alternative 1 would achieve compliance with the remedial goals, chemical-specific SCGs and RAOs for soil through removal to Track 1 Unrestricted Use SCOs and Groundwater Protection Standards. Compliance with SCGs for soil vapor would also be achieved by installation of the vapor barrier and SSDS systems, and concrete building slabs would be constructed over the entirety of Lots 90, 94 and 96 as part of development.

Alternative 2 would achieve compliance with the remedial goals, chemical-specific SCGs and RAOs for soil through removal of soil to meet Track 4 Site-Specific SCOs. The basement floor of the existing buildings on lot 96 will remain in-place. A new building slab would be placed under the existing building on Lot 94 and beneath the new building on Lot 90. The proposed development would include ground disturbance in limited areas to approximately 3 to 11 feet below the existing cellar slab for new footings, new grade beams, and the foundation for a new staircase. The proposed commercial space on the ground floor of Lot 90 would require

excavation in a small area to between 10 and 12 feet below sidewalk grade for an elevator pit; and new footings, foundations and slab-on-grade in other areas. Soil vapor impacts would be prevented by installation of an active SSDS system and vapor barrier under the building slab.

Health and safety measures contained in the CHASP and Community Air Monitoring Plan (CAMP) that comply with the applicable SCGs would be implemented during Site redevelopment under this RAWP. For both Alternatives, focused attention on means and methods employed during the remedial action would ensure that handling and management of contaminated material would be in compliance with applicable SCGs. These measures would protect on-site workers and the surrounding community from exposure to Site-related contaminants.

Short-term effectiveness and impacts

This evaluation criterion assesses the effects of the alternative during the construction and implementation phase until remedial action objectives are met. Under this criterion, alternatives are evaluated with respect to their effects on public health and the environment during implementation of the remedial action, including protection of the community, environmental impacts, time until remedial response objectives are achieved, and protection of workers during remedial actions.

Alternative 1 would result in significantly greater short-term impacts due to the quantity of excavation and transport required to remove all unconsolidated material necessary to achieve SCOs throughout the Site. These impacts could include higher air quality impacts caused by greater soil excavation, handling and load out, and associated truck traffic. Focused attention to means and methods employed during the remedial action, including community air monitoring and appropriate truck routing, would minimize or negate the overall impact of this additional activity.

Construction Health and Safety Plan, a Community Air Monitoring Plan (CAMP) and a Soil/Materials Management Plan (SMMP), during all on-site soil disturbance activities would minimize the release of contaminants into the environment. Both alternatives provide short term

effectiveness in protecting the surrounding community by decreasing the risk of contact with on-site contaminants. Construction workers operating under appropriate management procedures and a Construction Health and Safety Plan (CHASP) would be protected from on-site contaminants (personal protective equipment would be worn consistent with the documented risks within the respective work zones).

Long-term effectiveness and permanence

This evaluation criterion addresses the results of a remedial action in terms of its permanence and quantity/nature of waste or residual contamination remaining at the Site after response objectives have been met, such as permanence of the remedial alternative, magnitude of remaining contamination, adequacy of controls including the adequacy and suitability of ECs/ICs that may be used to manage contaminant residuals that remain at the Site and assessment of containment systems and ICs that are designed to eliminate exposures to contaminants, and long-term reliability of Engineering Controls.

Alternative 1 would achieve long-term effectiveness and permanence by removing all soil affected by Site contaminants or historic fill materials above Track 1 SCOs. Soil vapor impact should diminish with time. Since the proposed building will cover the entire Site, exposures to vapor would be eliminated (groundwater is below bedrock and the proposed construction). Impact to residual soil vapor will be address through the installation of a vapor barrier and a SSDS.

Alternative 2 would achieve long-term effectiveness and permanence by removing selective on-Site contaminated soil and attaining Track 4 Site-Specific SCOs, by establishing Engineering Controls including an active SSDS system, a vapor barrier and composite cover system across the Site; by establishing Institutional Controls to ensure long-term management including use restrictions, a Site Management Plan and continued registration as E-designated property to memorialize these controls for the long term. The SMP would ensure long-term effectiveness of all ECs and ICs by requiring periodic inspection and certification that these controls and restrictions continue to be in place and are functioning as they were intended assuring that protections designed into the remedy will provide continued high level of protection in perpetuity.

Both alternatives would result in removal of soil contamination exceeding the SCOs providing the highest level, most effective and permanent remedy over the long-term with respect to a remedy for contaminated soil, which will eliminate any migration to groundwater. Since the proposed building and clean cap would cover the entire Site, exposures to residual groundwater contamination will be eliminated. Soil vapor impacts would be prevented through installation of a vapor barrier under the new basement, and existing basement slab.

Reduction of toxicity, mobility, or volume of contaminated material

This evaluation criterion assesses the remedial alternative's use of remedial technologies that permanently and significantly reduce toxicity, mobility, or volume of contaminants as their principal element. The following is the hierarchy of source removal and control measures that are to be used to remediate a Site, ranked from most preferable to least preferable: removal and/or treatment, containment, elimination of exposure and treatment of source at the point of exposure. It is preferred to use treatment or removal to eliminate contaminants at a Site, reduce the total mass of toxic contaminants, cause irreversible reduction in contaminants mobility, or reduce of total volume of contaminated media.

Alternative 1 would provide maximum reduction of toxicity, mobility and volume of contaminated material on-site by excavation and removal of all soil that exceed the Track 1 unrestricted use SCOs.

Alternative 2 would remove some of the historic fill/soil at the Site, and any remaining on-site soil beneath the new building would meet Track 4 Site-Specific SCOs. Alternative 2 would provide engineering and institutional controls to ensure that there are no pathways for exposure to remaining materials. Alternative 1 would eliminate a greater total mass of contaminants on site.

Implementability

This evaluation criterion addresses the technical and administrative feasibility of implementing an alternative and the availability of various services and materials required during its implementation, including technical feasibility of construction and operation, reliability of the selected technology, ease of undertaking remedial action, monitoring considerations, administrative feasibility (e.g., obtaining permits for remedial activities), and availability of

services and materials.

Both alternatives are feasible and implementable. They use identical standard materials and services and well established technology. The reliability of the remedy is high. There are no special difficulties associated with any of the activities proposed in Alternate 2; however, Alternative 1 will likely require additional shoring and building support for the existing building on Lot 96, and potentially jeopardizes the structural integrity of the existing building.

Cost effectiveness

This evaluation criterion addresses the cost of alternatives, including capital costs (such as construction costs, equipment costs, and disposal costs, engineering expenses) and site management costs (costs incurred after remedial construction is complete) necessary to ensure the continued effectiveness of a remedial action.

The capital costs and risks associated with Alternative 1 are likely to be considerably greater than Alternative 2 for little added value. Both alternatives satisfy the threshold balancing criterion and other criterion listed here, and are fully protective of public health and the environment, will control migration of contaminants, are effective for both the short term and long term.

Community Acceptance

This evaluation criterion addresses community opinion and support for the remedial action. Observations here will be supplemented by public comment received on the RAWP.

Based on the overall goals of the remedial program and initial permitting associated with the proposed site development, no adverse community opinion is anticipated for either alternative. Both remedial actions provide for protection of public health and the environment and minimize potential contaminant exposures. This RAWP will be subject to a public review under the NYC VCP and will provide the opportunity for detailed public input on the remedial alternatives and the selected remedy. This public comment will be considered by OER prior to approval of this plan. The Citizen Participation Plan for the project is provided in Appendix 1.

Land Use

This evaluation criterion addresses the proposed use of the property. This evaluation has considered reasonably anticipated future uses of the Site and takes into account: current use and historical and/or recent development patterns; applicable zoning laws and maps; NYS Department of State's Brownfield Opportunity Areas (BOA) pursuant to section 970-r of the general municipal law; applicable land use plans; proximity to real property currently used for residential use, and to commercial, industrial, agricultural, and/or recreational areas; environmental justice impacts, Federal or State land use designations; population growth patterns and projections; accessibility to existing infrastructure; proximity of the site to important cultural resources and natural resources, potential vulnerability of groundwater to contamination that might emanate from the site, proximity to flood plains, geography and geology; and current Institutional Controls applicable to the site.

The proposed redevelopment of the Site is compatible with its current zoning and is consistent with recent development patterns. Following remediation, the Site will meet either Track 1 Unrestricted Use or Track 4 Site-Specific SCOs, which is appropriate for its planned commercial and eventual residential use. Improvements in the current environmental condition of the property achieved by both alternatives are also consistent with the City's goals for cleanup of contaminated land and bringing such properties into productive reuse. Both alternatives are equally protective of natural resources and cultural resources.

Sustainability of the Remedial Action

This criterion evaluates the overall sustainability of the remedial action alternatives and the degree to which sustainable means are employed to implement the remedial action including those that take into consideration NYC's sustainability goals defined in *PlaNYC: A Greener, Greater New York*. Sustainability goals may include: maximizing the recycling and reuse of non-virgin materials; reducing the consumption of virgin and non-renewable resources; minimizing energy consumption and greenhouse gas emissions; improving energy efficiency; and promotion of the use of native vegetation and enhancing biodiversity during landscaping associated with Site development.

The remedial plan would take into consideration the shortest trucking routes during off-Site

disposal of historic fill and other soil, which would reduce greenhouse gas emissions and conserve energy used to fuel trucks. New York City Clean Soil Bank program may be utilized for reuse of native soil. To the extent practicable, energy efficient building materials, appliances, and equipment will be utilized to complete the development. Both remedial Alternatives are comparable with respect to the opportunity to achieve sustainable remedial action. A complete list of green remedial activities considered as part of the NYC VCP is included in the Sustainability Statement, included as Appendix 2.

4.0 SUMMARY OF REMEDIAL ACTION

4.1 Summary of Preferred Remedial Action

The preferred remedial action alternative is the Track 4 Alternative. The preferred remedial action alternative achieves protection of public health and the environment for the intended use of the property. The preferred remedial action alternative will achieve all of the remedial action objectives established for the project and addresses applicable SCGs. The preferred remedial action alternative is effective in both the short-term and long-term and reduces mobility, toxicity and volume of contaminants. The preferred remedial action alternative is cost effective and implementable and uses standards methods that are well established in the industry.

The proposed remedial action will consist of:

1. Preparation of a Community Protection Statement and performance of all required NYC VCP Citizen Participation activities according to an approved Citizen Participation Plan;
2. Performance of a Community Air Monitoring Program for particulates and volatile organic compounds;
3. Establishment of Track 4 Site-Specific Soil Cleanup Objectives (SCOs);
4. Excavation and removal of soil/fill exceeding Track 4 Site Specific SCOs. For development purposes, the portions of the property will be excavated to depth of 3-12 feet for new footings, new grade beams, elevator pits and the foundation for a new staircase, and construction of the buildings slab. Approximately 1,802 cubic yards of soil will be removed;
5. Screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID. Appropriate segregation of excavated media on-Site;
6. Removal of underground storage tanks (if encountered) and closure of petroleum spills

- (if evidence of a spill/leak is encountered during Site excavation) in compliance with applicable local, State and Federal laws and regulations;
7. Transportation and off-Site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampling and analysis of excavated media as required by disposal facilities;
 8. Collection and analysis of post-excavation end-point samples to determine the performance of the remedy with respect to attainment of SCOs;
 9. Import of materials to be used for backfill and cover in compliance with this plan and in accordance with applicable laws and regulations;
 10. As part of development, installation of a vapor barrier system below the basement concrete slab and behind the foundation walls of the proposed building. On Lots 90 and 94, the Load-bearing Foamglas[®] vapor/waterproofing barrier will be installed under the new slab. Additionally, a 4-inch Foamglas layer with new concrete slab will be above new grade beams and footings. On Lot 96, the new slab and existing foundation walls will be coated with Aquafin Vaportight Coat[®]-SG2 vapor proofing. Pipe penetrations (e.g., for the SSDS system) will be sealed with Aquafin Vaportight Coat[®]-SG2. Grace Florprufe[®] 120 will be applied beneath/around the proposed elevator pit;
 11. Installation and operation of active sub-slab depressurization system at lots 94 and 96. On Lot 96, SSDS suction pits will be connected through a network of overhead and/or underground piping, to a fan which will apply negative pressure to the target area to capture soil vapor. On Lot 94, The system will consist of an underground slotted piping (manifolded) to capture potential vapors below the new slab, and vented above the roof of the building;
 12. Construction and maintenance of an engineered composite cover consisting of the concrete building slabs (no landscaped areas are planned) to prevent human exposure to residual soil/fill remaining under the Site. The composite system for the new construction would include new footings, new grade beams, and concrete slabs to be covered with Foamglas[®] vapor/waterproofing barrier. Existing cellar walls and slabs would be sealed with sprayed on Aquafin Vaportight Coat[®]-SG2 (or similar).

13. Performance of all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations;
14. Implementation of stormwater pollution prevention measures in compliance with applicable laws and regulations;
15. Submission of a Remedial Action Report (RAR) that describes the remedial activities, certifies that the remedial requirements have been achieved, defines the Site boundaries, and lists any changes from this RAWP;
16. Submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency; and
17. The property will continue to be registered with an E-Designation at the NYC Buildings Department. Establishment of Engineering Controls and Institutional Controls in this RAWP and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

4.1 Soil Cleanup Objectives and Soil/Fill Management

Soil Cleanup Objectives (SCOs) proposed for this project are the NYSDEC Part 375 Restricted Residential SCOs as amended by following Track 4 Site-Specific SCOs:

<u>Contaminant</u>	<u>Track 4 SCOs</u>
Total SVOCs	100 ppm
Lead	750 ppm
Mercury	2.5 ppm

Soil and materials management on-site and off-site, including excavation, handling and disposal, will be conducted in accordance with the Soil/Materials Management Plan in Appendix 3. The location of planned excavations is shown in Figure 3.

Discrete contaminant sources (such as hotspots) identified during the remedial action will be horizontally and vertically identified by GPS or surveyed. This information will be provided in the RCR.

Estimated Soil/Fill Removal Quantities

The total quantity of soil/fill expected to be excavated and disposed off-site is approximately 1,800 cubic yards (2,700 tons). The proposed disposal locations for Site-derived materials are listed below. Additional disposal locations established at a later date will be reported promptly to the OER Project Manager.

Table 1. Estimated Soil/Fill Removal Quantities

<u>Disposal Facility</u>	<u>Waste Type</u>	<u>Estimated Quantities</u>
Teterboro Landing, Teterboro, NJ	Historical Fill, Native Soil and Rock	2,700 tons
Clean Earth, Carteret, NJ	Petroleum or Chlorinated Solvent-Contaminated Soil (if any)	As necessary (if encountered)

End-Point Sampling

Removal actions under this plan will be performed in conjunction with remedial end-point sampling. Post-excavation end-point sampling and testing will be performed promptly following materials removal and completed prior to Site development activities. To evaluate attainment of Track 4 Site Specific SCOs, Four end-point soil samples will be collected and analyzed for trigger compounds and elements established on the Track 4 Site-Specific SCO list. The approximate collection location of the endpoint soil samples is shown on Figure 3

In addition, if hotspots are encountered, hotspot removal end-point sampling frequency will consist of the following:

1. For excavations less than 20 feet in total perimeter, at least one bottom sample and one sidewall sample biased in the direction of surface runoff.
2. For excavations 20 to 300 feet in perimeter:
 - For surface removals, one sample from the top of each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area.
 - For subsurface removals, one sample from each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area.
3. For sampling of volatile organics, bottom samples should be taken within 24 hours of excavation, and should be taken from the zero to six-inch interval at the excavation floor. Samples taken after 24 hours should be taken at 6 to 12 inches.
4. For contaminated soil removal, post remediation soil samples for laboratory analysis should be taken immediately after contaminated soil removal. If the excavation is enlarged horizontally, additional soil samples will be taken pursuant to bullets 1-3 above.

Post-remediation sample locations and depth will be biased towards the areas and depths of highest contamination identified during previous sampling episodes unless field indicators such as field instrument measurements or visual contamination identified during the remedial action indicate that other locations and depths may be more heavily contaminated. In all cases, post-remediation samples should be biased toward locations and depths of the highest expected contamination.

New York State Department of Health ELAP certified labs will be used for all end-point sample analyses. Labs for end-point sample analyses will be reported in the RCR. The RCR will provide a tabular and map summary of all end-point sample results. End-point samples will be analyzed

for trigger analytes (those for which SCO exceedance is identified) utilizing the following methodology:

Soil analytical methods for Full List will include:

- Volatile organic compounds by EPA Method 8260;
- Semi-volatile organic compounds by EPA Method 8270;
- Pesticides/PCBs by EPA Method 8081/8082; and
- Target Analyte List metals

If either LNAPL and/or DNAPL are detected, appropriate samples will be collected for characterization and “finger print analysis” and required regulatory reporting (e.g., NYSDEC spill hotline) will be performed.

Quality Assurance/Quality Control

Samples will be collected in accordance with the following procedures:

- Record sample observations (evidence of contamination, PID readings, soil classification) in field log book.
- Collect an aliquot of soil or groundwater using a dedicated and disposable plastic sample spoon or sample bailer and place in laboratory-supplied sample jars. One grab sample will be collected for volatile organic compound analysis, if applicable. One composite sample will be collected for all other analyses.
- Seal and label the sample jars as described below and place in a chilled cooler.

Decontamination Procedures

To avoid contamination and cross-contamination of samples, only dedicated or disposable sampling equipment may be used to collect these samples. All non-disposable equipment involved in field sampling must be decontaminated before being brought to the sampling location, and must be properly decontaminated after use.

Sample Identification

All samples will be consistently identified in all field documentation, chain-of-custody documents and laboratory reports using an alpha-numeric or alpha-alpha code. For stockpiled soil, the alpha prefix will be “SP” and the numbers following the alpha prefix will correspond to excavated stockpiles, beginning with “1, 2, 3...etc.” For example, the first sample collected from the first stockpile will be labeled “SP-1-1” and the first sample collected from the second stockpile will be labeled “SP-2-1.”

For groundwater samples, the alpha prefix will be “GW” and the number following the prefix will correspond to the sample number. For example, the first groundwater sample collected for sample analysis will be labeled “GW-1” and the second sample will be “GW-2.”

Sample Labeling and Shipping

All sample containers will be labeled with the following information:

- Site identification
- Sample identification
- Date and time of collection
- Analysis(es) to be performed
- Sampler’s initials

Once the samples are collected and labeled, they will be placed in chilled coolers and stored in a cool area away from direct sunlight to await shipment to the laboratory. Soil samples will be shipped to the laboratory at a frequency that will not result in an exceedance of applicable holding times for sample methods. At the start and end of each workday, field personnel will add ice to the coolers as needed.

The samples will be prepared for shipment by placing each sample jar in a sealable plastic bag, then wrapping each bag in bubble wrap to prevent breakage, adding freezer packs and/or fresh ice in sealable plastic bags and the chain-of-custody form. Samples will be shipped overnight (e.g., Federal Express) or

transported by a laboratory courier. All coolers shipped to the laboratory will be sealed with mailing tape and a chain-of-custody (COC) seal to ensure that the coolers remain sealed during delivery.

Sample Custody

Field personnel will be responsible for maintaining the sample coolers in a secured location until they are picked up and/or sent to the laboratory. The record of possession of samples from the time they are obtained in the field to the time they are delivered to the laboratory or shipped off-site will be documented on COC forms. The COC forms will contain the following information: project name; names of sampling personnel; sample number; date and time of collection and matrix; and signatures of individuals involved in sample transfer, and the dates and times of transfers. Laboratory personnel will note the condition of the custody seal and sample containers at sample check-in.

Documentation

A sample log book will be maintained. The following information, as a minimum will be recorded to the log.

- Sample identification number
- Sample location
- Field Observations
- Sample Type
- Analyses
- Date/Time of collection
- Collector's name
- Sample procedures and equipment utilized
- Date sent to laboratory/name of laboratory
- Copies of site drawings indicating stockpile numbers and locations

Import and Reuse of Soil

Import of soil onto the property and reuse of soil already on-site will be performed in conformance with the Soil/Materials Management Plan in Appendix 3. There is no plan import any soil on to the Site for backfill. There is no plan to reuse or relocate any on-site soil/fill.

4.3 Engineering Controls

Engineering Controls are employed in the remedial action to address residual contamination remaining at the site. The Site has three primary Engineering Control (EC) Systems. These are:

Composite Cover System

Exposure to residual soil/fill will be prevented by an engineered, composite cover system to be built on the Site. This composite cover system is composed of:

- 4-inch thick Concrete building slab on Lots 90, 94 and 96; and
- Concrete covered sidewalks

Preliminary architectural plans depicting the proposed buildings are provided as Appendix 5.

The composite cover system is a permanent engineering control for the Site. The cover system will consist of building slabs and concrete sidewalks. The existing building slab on Lot 96 will remain in place and sealed with . The entire existing concrete basement floor slab on Lot 94 will be removed and replaced with a new reinforced 4-inch concrete slab. The new building on Lot 90 will include a new reinforced 4-inch concrete slab-on-grade. The buildings slabs and sidewalks will occupy the entire Site. The cover system will be inspected and reported at specific intervals as required by this RAWP and the SMP. A Soil Management Plan would be included in the SMP and will outline the procedures to be followed in the event that the composite cover system and underlying residual soil/fill is disturbed after the remedial action is complete. Maintenance of this composite cover system will be described in the SMP in the RAR. Figure 4 shows the typical design for each remedial cover type used on this Site.

Vapor Barrier System

Vapor barriers will be installed as part of the waterproofing system for the proposed new construction as follows:

Lot 96

The existing crawlspace on Lot 96 will be leveled (to obtain a smooth surface) with recycled concrete and topped with a new 2-inch concrete slab. The new leveled slab and existing foundation walls will be coated with Aquafin Vaportight Coat[®]-SG2 vapor proofing. Pipe penetrations (e.g., for the SSDS system) will be sealed with Aquafin Vaportight Coat[®]-SG2. Grace Florprufe[®] 120 will be applied beneath/around the proposed elevator pit.

Lot 94

The entire existing concrete basement floor slab will be removed and replaced with a new reinforced 4-inch concrete slab. Load-bearing Foamglas[®] vapor/waterproofing barrier will be installed under the new slab. Additionally, a 4-inch foamglas layer with new concrete slab will be above new grade beams and footings. Existing foundation walls will be coated with Aquafin Vaportight Coat[®]-SG2 vapor proofing. Pipe penetrations (e.g., for the SSDS system) will be sealed with Aquafin Vaportight Coat[®]-SG2.

Lot 90

Load-bearing Foamglas[®] vapor/waterproofing barrier will be installed under the new slab and above new footings and grade beams.

The vapor barriers will be installed in accordance with the manufacturer's specifications, including those for sealing penetrations through the foundations. Proof of installation of the vapor barriers will be included in the Professional Engineer (P.E.) certified Remedial Closure Report discussed in Section 4.0. The vapor barriers specifications are provided in Appendix 7.

The Remedial Action Report will include photographs (maximum of two photos per page) of the installation process, PE/RA certified letter (on company letterhead) from primary contractor responsible for installation oversight and field inspections, and a copy of the manufacturers certificate of warranty.

Sub-Slab Depressurization System (SSDS)

Lots 96 and 94

An active SSDS system will be installed beneath the vapor barrier to mitigate the potential for soil vapor intrusion. The SSDS will apply negative pressure beneath the concrete slab, minimizing the potential for vapor intrusion into the buildings on Lots 96 and 94. On lot 96, SSDS pits will be connected through a network of overhead and/or underground piping, to a fan which will apply negative pressure to the target area to capture soil vapor. The crawlspaces on Lots 94 and 96 will be vented separately through the vertical sidewalls to a dedicated riser with an in-line fan (these areas will remain unoccupied after redevelopment). SSDS communications testing will be conducted to assess vacuum communication and identify potential subsurface obstructions, optimal SSDS pit placement, and the approximate extent of radial flow from each SSDS pit. On Lot 94, The system will consist of an underground slotted piping (manifolded) to capture potential vapors below the new slab, and vented above the roof of the building. The preliminary conceptual SSDS plans and specifications are provided in Appendix 7.

4.4 Institutional Controls

Institutional Controls (IC) will be utilized in this remedial action to manage residual soil/fill and other media and render the Site protective of public health and the environment. Institutional Controls are listed below. Long-term employment of EC/ICs will be implemented under a site-specific Site Management Plan (SMP) that will be included in the RAR.

Institutional Controls for this remedial action are:

- Continued registration of the E-Designation for the property. This RAWP includes a description of all ECs and ICs and summarizes the requirements of the Site Management Plan which will note that the property owner and property owner's successors and assignees must comply with the approved SMP;
- Site Management Plan approved by OER that provides procedures for appropriate maintenance, inspection, and certification of ECs and ICs. SMP will require that the property owner and property owner's successors and assignees will submit to OER a

periodic written statement that certifies that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by OER; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. OER retains the right to enter the Site in order to evaluate the continued maintenance of any controls. This certification shall be submitted at a frequency to be determined by OER in the SMP and will comply with RCNY §43-1407(1)(3).

- Vegetable gardens and farming on the Site are prohibited;
- Use of groundwater underlying the Site is prohibited without treatment rendering it safe for its intended use;
- All future activities on the Site that will disturb residential material must be conducted pursuant to the soil management provisions in the approved SMP.
- The Site will be used for residential use and will not be used for a higher level of use without prior approval by OER.

4.5 Site Management Plan

Site Management will be performed for this Track 4 cleanup and will be the last phase of remediation and begins with the approval of the Remedial Action Report and issuance of the Notice of Completion (NOC) for the Remedial Action. The SMP describes appropriate methods and procedures to ensure implementation of all ECs and ICs that are required by this RAWP. The Site Management Plan is submitted as part of the RAR but will be written in a manner that allows its use as an independent document. Site Management continues until terminated in writing by OER. The property owner is responsible to ensure that all Site Management responsibilities defined in this RAWP and the Site Management Plan are implemented.

The SMP will provide a detailed description of the procedures required to manage residual soil/fill left in place following completion of the remedial action in accordance with the Voluntary Cleanup Agreement with OER. This includes a plan for: (1) implementation of EC's and ICs; (2) implementation of monitoring programs; (3) operation and maintenance of EC's; (4) inspection and certification of EC's; and (5) reporting.

Site management activities, reporting, and EC/IC certification will be scheduled on a periodic basis to be established in the SMP and will be subject to review and modification by OER. The Site Management Plan will be based on a calendar year and certification reports will be due for submission to OER by July 31 of the year following the reporting period.

4.6 Qualitative Human Health Exposure Assessment

Investigations reported in the Remedial Investigation Report (RIR) are sufficient to complete a Qualitative Human Health Exposure Assessment (QHHEA).

The objective of the qualitative exposure assessment is to identify potential receptors to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

As part of the VCP process, a QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This EA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

Known and Potential Sources

Historic fill material is present at the Site from grade up 10 12 feet below grade. Based on the results of the Remedial Investigation Report the contaminants of concern found are:

Soil

- SVOCs (PAH compounds) including Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, and Indeno(1,2,3-cd)Pyrene exceeded their respective Restricted Residential SCOs in one shallow boring location;

- Several metals were detected but, only mercury exceeded its Restricted Residential SCO
- Two pesticides, 4,4'-DDE and 4,4'-DDT were identified slightly exceeding Unrestricted Use SCOs, well below their respective Unrestricted Use SCOs

Groundwater

- No groundwater was encountered at the Site

Soil Vapor

- Chlorinated VOCs detected above NYS DOH monitoring thresholds including PCE and TCE.

Nature, Extent, Fate and Transport of Contaminants

Low levels of SVOCs, pesticides and metals are present in the historic fill materials to depths of 12 feet below grade throughout the Site. SVOCs and mercury exceeded cleanup guidelines only in one shallow soil sampling location. Groundwater samples were not obtained. Several chlorinated VOCs were detected in soil vapor above guidance matrix issued by New York State DOH. Chlorinated VOCs were detected in the soil samples collected on-site.

Receptor Populations

On-Site Receptors - The Site is currently capped with building foundation slabs (Lots 94 and 96) and access to the Site is restricted by locked building doors and an eight-foot high wooden perimeter fence (Lot 90). Onsite receptors are limited to trespassers and site representatives and visitors granted access to the property. During redevelopment of the Site, the on-Site potential receptors will include construction workers, site representatives, and visitors. Once the Site is redeveloped, the on-Site potential sensitive receptors will include commercial workers, adult and child building residents, workers and visitors.

Off-Site Receptors - Potential off-Site receptors within a 0.25-mile radius of the Site include:

adult and child residents, and commercial and construction workers, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses (up to 0.25 mile) - existing and future
2. Residential Buildings (up to 0.25 mile) - existing and future
3. Building Construction/Renovation (up to 0.25 mile) - existing and future
4. Pedestrians, Trespassers, Cyslists (up to 0.25 mile) - existing and future
5. Schools (up to 0.25 mile) - existing and future

Potential Routes of Exposure

The five elements of an exposure pathway are: (1) a contaminant source; (2) contaminant release and transport mechanisms; (3) a point of exposure; (4) a route of exposure; and (5) a receptor population. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill or soil;
- Inhalation of vapors and particulates; and
- Dermal contact with water, fill, soil, or building materials.

Existence of Human Health Exposure

Current Conditions: The potential for exposure to surficial historic fill is limited under current conditions because the Site is covered with building foundations/slabs on Lots 94 and 96; and Lot 90 is enclosed with a chained/locked perimeter fence. The basements of the existing buildings are currently unoccupied. The Site is served by the public water supply and groundwater use for potable supply is prohibited; groundwater is not used at the Site and there is no potential for exposure.

Construction/Remediation Activities: Once redevelopment activities begin, construction workers will come into direct contact with surface and subsurface soil, as a result of on-Site construction

and excavation activities. On-Site construction workers potentially could ingest, inhale or have dermal contact with any exposed impacted soil, fill, and/or soil vapor. These exposures will be limited to short durations through the intrusive work. Groundwater will not be encountered during construction. Similarly, off-Site receptors could be exposed to dust and vapors from on-Site activities. During construction, on-Site and off-Site exposures to contaminated dust from on-Site will be addressed through the Soil/Materials Management Plan, dust controls, and through the implementation of the Community Air Monitoring Program and a Construction Health and Safety Plan.

Proposed Future Conditions: Under future remediated conditions, all soil in excess of Track 4 Site-Specific SCOs will be removed. The Site will be fully capped, limiting potential direct exposure to soil and groundwater remaining in place, and a vapor barrier and SSDS will prevent any exposure to soil vapors in the future. The Site is served by a public water supply, and groundwater is not used at the Site for potable supply. There are no plausible off-Site pathways for ingestion, inhalation, or dermal exposure to contaminants derived from the Site under future conditions.

Overall Human Health Exposure Assessment

There are no complete exposure pathways (i.e., source, route to exposure, receptor population) for the current condition or for the post-construction condition. There is a potential complete exposure pathway that requires mitigation during implementation of the remedy. This assessment takes into consideration the reasonably anticipated use of the Site, which includes a mixed use structure, site-wide impervious surface cover cap, and a subsurface vapor barrier and SSDS for the buildings. Potential post-construction use of groundwater is not considered an option because groundwater will not be encountered during redevelopment and cannot be used as a potable water source in this area of New York City. There are no surface water bodies in close proximity to the Site that could be impacted or threatened.

During remedial construction, on-Site and off-Site exposures to contaminated dust from historic fill material will be addressed through dust controls, and through the implementation of the Community Air Monitoring Program, the Soil/Materials Management Plan, and a Construction

Health and Safety Plan. After the remedial action is complete, there will be no remaining exposure pathways to on-Site soil/fill, as soil above Track 4 Site-Specific SCOs will have been removed from areas requiring excavation and a vapor barrier and SSDS will have been installed beneath the entire Site as part of development.

5.0 REMEDIAL ACTION MANAGEMENT

5.1 Project Organization and Oversight

Principal personnel who will participate in the remedial action include Marcus Simons, Principal, and Neoma Chefalo, Project Manager. The Professional Engineer (PE) and Qualified Environmental Professionals (QEP) for this project is Michelle Lapin.

5.2 Site Security

Site access will be controlled by existing lockable doors on Lots 94 and 96 and construction fencing with locked access gates on Lot 90.

5.3 Work Hours

The hours for operation of remedial construction will be from approximately 7:00 AM to 5:00 PM. These hours conform to the New York City Department of Buildings construction code requirements.

5.4 Construction Health and Safety Plan

The site-specific Construction Health and Safety Plan (CHASP) is included in Appendix 4. The Site Safety Coordinator will be Robert Andrews of AKRF. Remedial work performed under this RAP will be in full compliance with applicable health and safety laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements. Confined space entry, if any, will comply with OSHA requirements and industry standards and will address potential risks. The parties performing the remedial construction work will ensure that performance of work is in compliance with the CHASP and applicable laws and regulations. The CHASP pertains to remedial and invasive work performed at the Site until the issuance of the Notice of Satisfaction.

All field personnel involved in remedial activities will participate in training required under 29 CFR 1910.120, including 40-hour hazardous waste operator training and annual 8-hour refresher training. Site Safety Officer will be responsible for maintaining workers training records.

Personnel entering any exclusion zone will be trained in the provisions of the CHASP and be required to sign a CHASP acknowledgment. Site-specific training will be provided to field personnel. Additional safety training may be added depending on the tasks performed. Emergency telephone numbers will be posted at the site location before any remedial work begins. A safety meeting will be conducted before each shift begins. Topics to be discussed include task hazards and protective measures (physical, chemical, environmental); emergency procedures; PPE levels and other relevant safety topics. Meetings will be documented in a log book or specific form.

An emergency contact sheet with names and phone numbers is included in the CHASP. That document will define the specific project contacts for use in case of emergency.

5.5 Community Air Monitoring Plan

Real-time air monitoring for volatile organic compounds (VOCs) and particulate levels at the perimeter of the exclusion zone or work area will be performed during significant ground disturbance (e.g., when first excavating an area but not once the excavation is complete or essentially complete unless activities or conditions entail a potential for significant dust generation). Monitoring will also be performed during the loading of contaminated or potentially contaminated media. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pit excavation or trenching, and the installation of soil borings or monitoring wells but not disturbance of decomposed or competent bedrock.

Periodic monitoring for VOCs will be performed during minimally intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection, for instance, will consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. Depending upon the proximity of potentially exposed individuals, continuous monitoring may be performed during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence. Exceedences of action levels observed

during performance of the Community Air Monitoring Plan (CAMP) will be reported to the OER Project Manager and included in the Daily Report.

5.5.1 VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis during invasive work. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities will resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities will be shutdown.

All 15-minute readings must be recorded and be available for OER personnel to review. Instantaneous readings, if any, used for decision purposes will also be recorded.

5.5.2 Particulate Monitoring, Response Levels, and Actions

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed $150 \text{ mcg}/\text{m}^3$ above the upwind level and provided that no visible dust is migrating from the work area.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than $150 \text{ mcg}/\text{m}^3$ above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within $150 \text{ mcg}/\text{m}^3$ of the upwind level and in preventing visible dust migration.

All readings will be recorded and be available for OER personnel to review.

5.6 Agency Approvals

All permits or government approvals required for remediation and construction have been or will be obtained prior to the start of remediation and construction. Acceptance of this RAP by OER does not constitute satisfaction of these requirements and will not be a substitute for any required permit.

5.7 Site Preparation

5.7.1 Pre-Construction Meeting

OER will be invited to attend the pre-construction meeting at the Site with all parties involved in the remedial process prior to the start of remedial construction activities.

5.7.2 Mobilization

Mobilization will be conducted as necessary for each phase of work at the Site. Mobilization includes field personnel orientation, equipment mobilization (including securing all sampling equipment needed for the field investigation), marking/staking sampling locations and utility mark-outs. Each field team member will attend an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures.

5.7.3 Utility Marker Layouts, Easement Layouts

The presence of utilities and easements on the Site will be fully investigated prior to the performance of invasive work such as excavation or drilling under this plan by using, at a minimum, the One-Call System (811). Underground utilities may pose an electrocution, explosion, or other hazard during excavation or drilling activities. All invasive activities will be performed in compliance with applicable laws and regulations to assure safety. Utility companies and other responsible authorities will be contacted to locate and mark the locations, and a copy of the Markout Ticket will be retained by the contractor prior to the start of drilling, excavation or other invasive subsurface operations. Overhead utilities may also be present within the anticipated work zones. Electrical hazards associated with drilling in the vicinity of overhead utilities will be prevented by maintaining a safe distance between overhead power lines and drill rig masts.

Proper safety and protective measures pertaining to utilities and easements, and compliance with all laws and regulations will be employed during invasive and other work contemplated under this RAP. The integrity and safety of on-Site and off-Site structures will be maintained during all invasive, excavation or other remedial activity performed under the RAP.

5.7.4 Equipment and Material Staging

Equipment and materials will be stored and staged in a manner that complies with applicable laws and regulations. Staging and storage of equipment and materials will be contained within the secured Site. By the nature of the work involved in this project, equipment and materials will be moved to different areas within the secured Site as work progresses.

5.7.5 Stabilized Construction Entrance

Steps will be taken to ensure that trucks departing the site will not track soil, fill or debris off-Site. Such actions may include use of cleaned asphalt or concrete roads or use of stone or other aggregate-based egress paths between the truck inspection station and the property exit. Measures will be taken to ensure that adjacent roadways will be kept clean of project related soil, fill and debris.

5.7.6 Truck Inspection Station

An outbound-truck inspection station will be set up close to the Site exit. Before exiting the Site, trucks will be required to stop at the truck inspection station and will be examined for evidence of contaminated soil on the undercarriage, body, and wheels. Soil and debris will be removed. Brooms, shovels and potable water will be utilized for the removal of soil from vehicles and equipment, as necessary.

5.8 Traffic Control

Drivers of trucks leaving the Site with soil/fill will be instructed to proceed without stopping in the vicinity of the site to prevent neighborhood impacts. The planned route on local roads for trucks leaving the site is to turn right on East 212th Street, and make the first available left on Duncomb Avenue, followed by a right on East Gun Hill Road. East Gun Hill Road (turns into West Gun Hill Road) provides access to the Major Deegan Expressway (Interstate 87).

5.9 Demobilization

Demobilization will include:

- As necessary, restoration of temporary access areas and areas that may have been disturbed to accommodate support areas (e.g., staging areas, decontamination areas, storage areas, temporary water management areas, and access area);
- Removal of sediment from erosion control measures and truck wash and disposal of materials in accordance with applicable laws and regulations;
- Equipment decontamination; and
- General refuse disposal.

Equipment will be decontaminated and demobilized at the completion of all field activities.

Investigation equipment and large equipment (e.g., soil excavators) will be washed at the truck inspection station as necessary. In addition, all investigation and remediation derived waste will be appropriately disposed.

5.10 Reporting and Record Keeping

5.10.1 Daily Reports

Daily reports providing a general summary of activities for each day of *active remedial work* will be emailed to the OER Project Manager by the end of the following day. Those reports will include:

- Project number and statement of the activities and an update of progress made and locations of work performed;
- Quantities of material imported and exported from the Site;
- Status of on-Site soil/fill stockpiles;
- A summary of all citizen complaints, with relevant details (basis of complaint; actions taken; etc.);
- A summary of CAMP excursions, if any; and
- Photograph of notable Site conditions and activities.

The frequency of the reporting period may be revised in consultation with OER project manager based on planned project tasks. Daily email reports are not intended to be the primary mode of communication for notification to OER of emergencies (accidents, spills), requests for changes to the RAP or other sensitive or time critical information. However, such information will be included in the daily reports. Emergency conditions and changes to the RAP will be communicated directly to the OER project manager by personal communication. Daily reports will be included as an Appendix in the RCR.

5.10.2 Record Keeping and Photo-Documentation

Job-site record keeping for all remedial work will be performed. These records will be maintained on-Site during the project and will be available for inspection by OER staff. Representative photographs will be taken of the Site prior to any remedial activities and during major remedial activities to illustrate remedial program elements and contaminant source areas. Photographs will be submitted at the completion of the project in the RCR in digital format (i.e. jpeg files).

5.11 Complaint Management

All complaints from citizens will be promptly reported to OER. Complaints will be addressed and outcomes will also be reported to OER in daily reports. Notices to OER will include the nature of the complaint, the party providing the complaint, and the actions taken to resolve any problems.

5.12 Deviations from the Remedial Action Plan

All changes to the RAP will be reported to the OER Project Manager and will be documented in daily reports and reported in the RCR. The process to be followed if there are any deviations from the RAP will include a request for approval for the change from OER noting the following:

- Reasons for deviating from the approved RAP;
- Effect of the deviations on overall remedy; and

- Determination that the remedial action with the deviation(s) is protective of public health and the environment.

6.0 REMEDIAL CLOSURE REPORT

A Remedial Closure Report (RCR) will be submitted to OER following implementation of the remedial action defined in this RAP. The RCR will document that the remedial work required under this RAP has been completed and has been performed in compliance with this plan. The RCR will include:

- Information required by this RAP;
- As-built drawings for all constructed remedial elements, required certifications, manifests and other written and photographic documentation of remedial work performed under this remedy;
- Site Management Plan;
- Description of any changes in the remedial action from the elements provided in this RAP and associated design documents;
- Tabular summary of all end point sampling results and all material characterization results, QA/QC results for end-point sampling, and other sampling and chemical analysis performed as part of the remedial action;
- Test results or other evidence demonstrating that remedial systems are functioning properly;
- Account of the source area locations and characteristics of all contaminated material removed from the Site including a map showing source areas;
- Account of the disposal destination of all contaminated material removed from the Site. Documentation associated with disposal of all material will include transportation and disposal records, and letters approving receipt of the material.
- Account of the origin and required chemical quality testing for material imported onto the Site (not anticipated);

- Continued registration of the property with an E-Designation by the NYC Department of Buildings; and
- Reports and supporting material will be submitted in digital form.

Remedial Action Report Certification

The following certification will appear in front of the Executive Summary of the Remedial Action Report. The certification will include the following statements, which may be modified pending the outcome of characterization of groundwater at the site:

I, Michelle Lapin, am currently a professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the 3560-3584 White Plains Road & 709 East 212th Street Site (OER Project # 13EHAN521X and VCP Site # 14CVCP239X).

I certify that the OER-approved Remedial Action Work Plan dated March 24, 2014 and Stipulations in a letter dated March 26, 2014, if any, were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

7.0 SCHEDULE

The table below presents a schedule for the proposed remedial action and reporting. If the schedule for remediation and development activities changes, it will be updated and submitted to OER. Currently, a four month remediation period is anticipated for Lots 96, 94 and 90.

Table 2. Schedule

Schedule Milestone	Weeks from Remedial Action Start	Duration (weeks)
OER Approval of RAP	0	-
Mobilization	1	1
Remedial Construction	2	18
Demobilization	19	1
Submit Remedial Closure Report	TBD	TBD

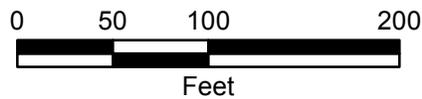
FIGURES

© 2014 AKRF, Inc. Environmental Consultants \\nyfiles\gis\Projects\11795 - 3560-3572 White Plains Road\11795 Fig 1 Site Plan white plain rd.mxd



Legend

- Project Site Boundary
- Lot Boundary
- 1347 Block Number



**3560-3572 White Plains Road and
700-713 East 212th Street**
Bronx, New York



DATE
3/18/2014

PROJECT No.
11795

SITE PLAN

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

FIGURE
1

©2014 AKRF, Inc. Environmental Consultants 11795 - 3560-3572 White Plains Road (Orin, Eshtkar) Figures 11795 - E10 Sample Locations - Results.dwg

Client ID	NYSDOH 2003	SV-11
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	144
TCE - $\mu\text{g}/\text{m}^3$	5	13.9

Client ID	NYSDOH 2003	SV-13
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	3.13
TCE - $\mu\text{g}/\text{m}^3$	5	ND

Client ID	NYSDOH 2003	SV-12
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	27.3
TCE - $\mu\text{g}/\text{m}^3$	5	ND

Client ID	NYSDOH 2003	SV-10
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	1.51
TCE - $\mu\text{g}/\text{m}^3$	5	ND

Client ID	NYSDOH 2003	SV-7
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	793
TCE - $\mu\text{g}/\text{m}^3$	5	16.2

Client ID	NYSDOH 2003	SV-1
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	ND
TCE - $\mu\text{g}/\text{m}^3$	5	ND

Client ID	NYSDOH 2003	SV-8
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	2.25
TCE - $\mu\text{g}/\text{m}^3$	5	ND

Client ID	NYSDOH 2003	SV-4
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	1.48
TCE - $\mu\text{g}/\text{m}^3$	5	ND

Client ID	NYSDOH 2003	SV-9
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	7.8
TCE - $\mu\text{g}/\text{m}^3$	5	6.66

Client ID	NYSDOH 2003	SV-5
Date Sampled	Soil Vapor Intrusion	11/25/2013
	Air Guideline	
	Value	
PCE - $\mu\text{g}/\text{m}^3$	30	ND
TCE - $\mu\text{g}/\text{m}^3$	5	ND

Map Source: NYCDP (NYC Dept. of City Planning) GIS database

LEGEND:

- SOIL GAS
- SOIL BORING/SOIL GAS
- PROJECT SITE BOUNDARY
- LOT LINE
- BUILDING LINE
- PROPOSED ELEVATOR PITS



Client ID	NYSDOH 2003	SV-9	← Sample ID number
Date Sampled	Soil Vapor Intrusion	11/25/2013	← Sample Date
	Air Guideline		
	Value		
PCE - $\mu\text{g}/\text{m}^3$	30	7.8	($\mu\text{g}/\text{m}^3$) - PCE Concentration in Soil Vapor
TCE - $\mu\text{g}/\text{m}^3$	5	6.66	← Compound in Soil Vapor

Exceedences of NYSDOH Soil Vapor Intrusion Air Guideline Values (AGVs) highlighted in yellow shading.

$\mu\text{g}/\text{m}^3$: micrograms per cubic meter = parts per billion (ppb)

ND: Not Detected

**3560-3572 White Plain Road and
700-713 East 212th Street**
New York, New York

**Soil Vapor Sampling Spider Map
Depicting Elevated Detections**



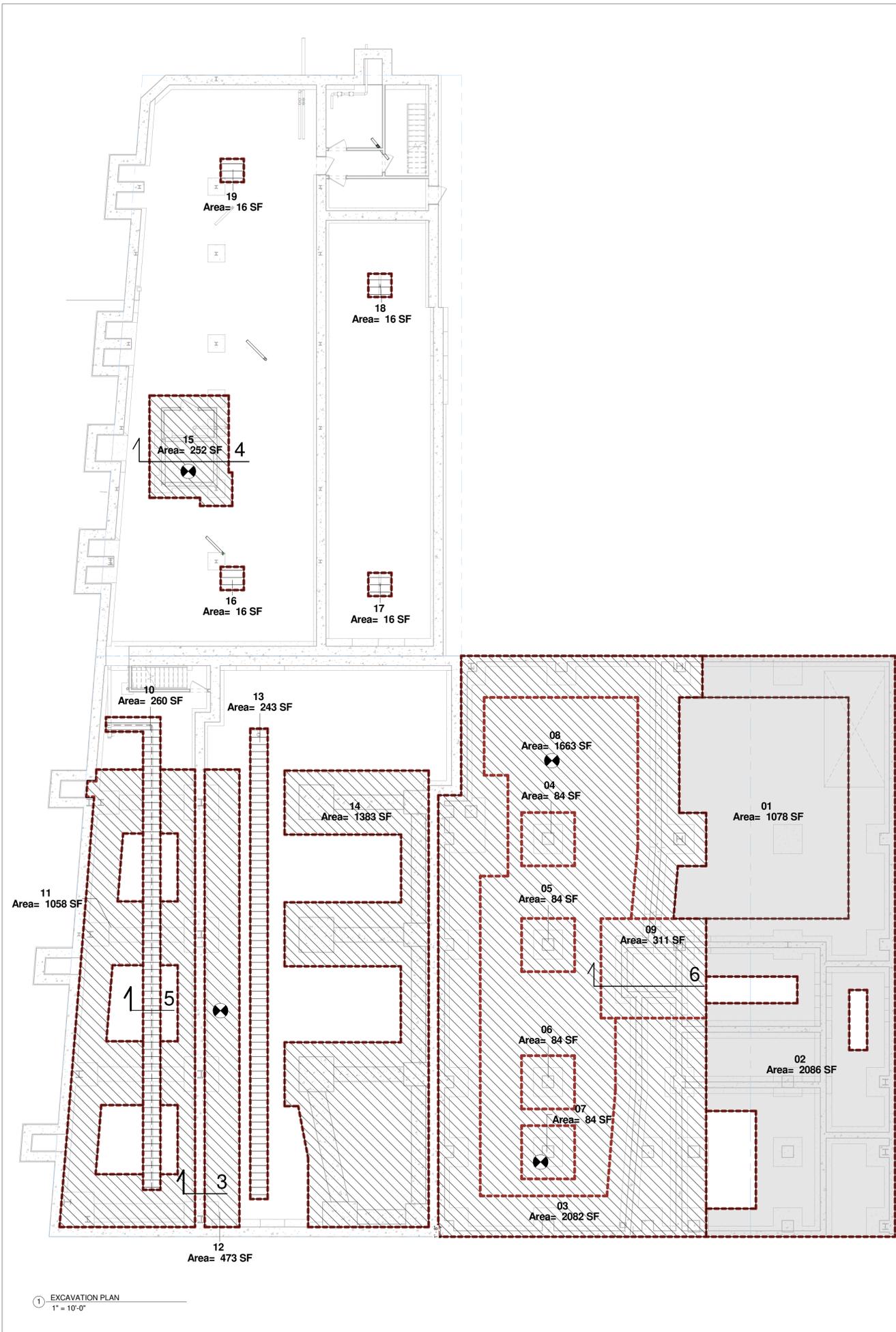
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
3.18.2014

PROJECT No.
11795

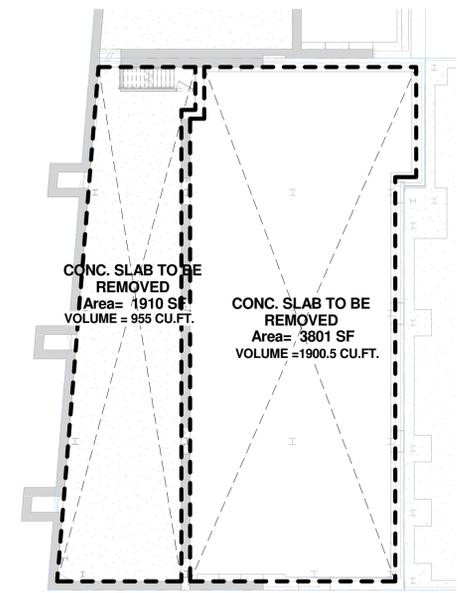
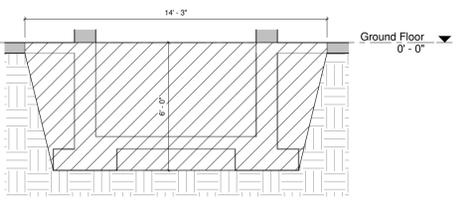
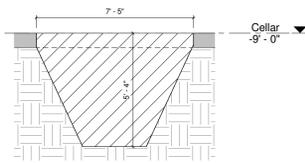
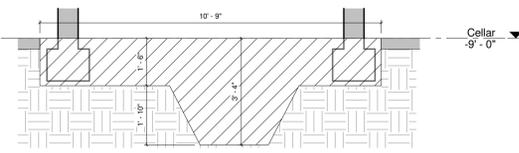
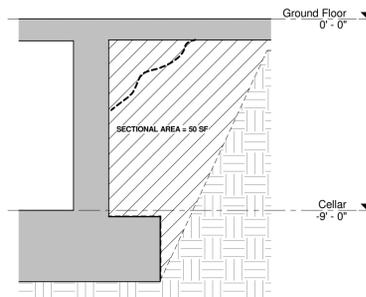
SCALE
as shown

FIGURE
2



Area Schedule (PHASE I & II EXCAVATION)				
NAME	EXCAVATION TYPE	APPROX. AREA	APPROX. DEPTH.	APPROX. VOLUME
LOT 89 & 90 PHASE II		506.1 CU. YD. / 13,664 CU. FT.		
01	PHASE II FOUNDATION	1078 SF	3'-0"	3,234 CU.FT.
02	PHASE II FOUNDATION	2086 SF	5'-0"	10,430 CU.FT.
LOT 90 PHASE I		577.4 CU. YD. / 15,589 CU. FT.		
03	FOUNDATION	2082 SF	5'-0"	10,410 CU.FT.
04	FOUNDATION	84 SF	5'-0"	420 CU.FT.
05	FOUNDATION	84 SF	5'-0"	420 CU.FT.
06	FOUNDATION	84 SF	5'-0"	420 CU.FT.
07	FOUNDATION	84 SF	5'-0"	420 CU.FT.
08	FOUNDATION	1663 SF	1'-0"	1,633 CU.FT.
09	ELEVATOR	311 SF	6'-0"	1,866 CU.FT.
LOT 94 PHASE I		699.0 CU. YD. / 18,873 CU. FT.		
10	PIPE	260 SF	5'-6"	2,640 CU.FT.
11	FOUNDATION	1058 SF	3'-6"	3,703 CU.FT.
12	FOUNDATION	473 SF	5'-0"	4,400 CU.FT.
13	PIPE	243 SF	2'-0"	1,215 CU.FT.
14	FOUNDATION	1383 SF	5'-0"	6,915 CU.FT.
LOT 96 PHASE I		19.0 CU. YD. / 514 CU. FT.		
15	ELEVATOR	252 SF	1'-8"	418 CU.FT.
16	PIPE	16 SF	1'-6"	24 CU.FT.
17	PIPE	16 SF	1'-6"	24 CU.FT.
18	PIPE	16 SF	1'-6"	24 CU.FT.
19	PIPE	16 SF	1'-6"	24 CU.FT.

TOTAL PHASE I 1,295.5 CU. YD. / 34,976 CU. FT.
 TOTAL PHASE II 506.1 CU. YD. / 13,664 CU. FT.
 GRAND TOTAL 1,801.5 CU. YD. / 48,640 CU. FT.



Revision No.	Date	Remarks

END POINT SAMPLE LOCATIONS

SPRINKLERS FILED UNER SEPARATE APPLICATION

Client: **blink FITNESS** 3560-84 White Plains Rd. Bronx, NY

DOB APPLICATION NO: 220324192

DOB SCAN CODE STICKER

Phone (212) 370-9791
 Fax (212) 370-4276
 orleshkar@gmail.com

ORLI ESHKAR ARCHITECTURAL SERVICES PLLC
 60 Sutton Place South (5c)
 New York, NY 10022

This drawing is an instrument of service and is the sole property of Orli Eshkar Architectural Services PLLC. Any use of this drawing without the written consent by Orli Eshkar Architectural Services PLLC is prohibited.

Drawing scales as indicated are for reference only and are not intended to accurately depict actual or designed conditions. Written dimensions shall govern.

Project: 3560 - 3578 WHITE PLAINS ROAD, BRONX NY 10467

Title: CELLAR & PIT EXCAVATION PLAN AND END POINT SAMPLE LOCATIONS

DWG # **AII-100.01**

Signature: Date: 02/13/14
 Scale: As indicated
 Drawn: YM
 Job #: 31252
 Checked: OE

FIGURE 3

APPENDICES

APPENDIX 1

CITIZEN PARTICIPATION PLAN

The NYC Office of Environmental Remediation and 3560 WPR LLC have established this Citizen Participation Plan because the opportunity for citizen participation is an important component of the NYC Voluntary Cleanup Program. This Citizen Participation Plan describes how information about the project will be disseminated to the Community during the remedial process. As part of its obligations under the NYC VCP, 3560 WPR LLC will maintain a repository for project documents and provide public notice at specified times throughout the remedial program. This Plan also takes into account potential environmental justice concerns in the community that surrounds the project Site. Under this Citizen Participation Plan, project documents and work plans are made available to the public in a timely manner. Public comment on work plans is strongly encouraged during public comment periods. Work plans are not approved by the NYC Office of Environmental Remediation (OER) until public comment periods have expired and all comments are formally reviewed. An explanation of cleanup plans in the form of a public meeting or informational session is available upon request to OER's project manager assigned to this Site, Rebecca Bub, who can be contacted about these issues or any others questions, comments or concerns that arise during the remedial process at (212) 788-8841.

Project Contact List. OER has established a Site Contact List for this project to provide public notices in the form of Fact Sheets to interested members of the Community. Communications will include updates on important information relating to the progress of the cleanup program at the Site as well as to request public comments on the cleanup plan. The Project Contact List includes owners and occupants of adjacent buildings and homes, principal administrators of nearby schools, hospitals and day care centers, the public water supplier that serves the area, established document repositories, the representative Community Board, City Council members, other elected representatives and any local Brownfield Opportunity Area (BOA) grantee organizations. Any member of the public or organization will be added to the Site Contact List on request. A copy of the Site Contact List is maintained by OER's project manager. If you

would like to be added to the Project Contact List, contact NYC OER at (212) 788-8841 or by email at brownfields@cityhall.nyc.gov.

Repositories

NYC OER maintains electronic records of documents containing information about the environmental investigation and environmental remediation plans for development projects that have applied into the NYC Voluntary Cleanup Program. These electronic records can be accessed by NYC OER's website:

http://www.nyc.gov/html/oer/html/repository/R_NYC_BCP.shtml

AKRF will maintain the online repositories to ensure that they are fully populated with project information

Digital Documentation. NYC OER strongly encourages the use of digital documents in repositories as a means of minimizing paper use while also increasing convenience in access and ease of use.

Identify Issues of Public Concern. The major issues of concern to the public will be potential impacts of nuisance odors and dust during the disturbance of historic fill soil at the Site. This work will be performed in accordance with procedures which will be specified under a detailed Remedial Program which considers and takes preventive measures for exposures to future residents of the property and those on adjacent properties during construction. Detailed plans to monitor the potential for exposure including a Construction Health and Safety Plan and a Community Air Monitoring Plan are required components of the remedial program. Implementation of these plans will be under the direct oversight of the New York City Department of Environmental Remediation (NYCOER).

These plans will specify the following worker and community health and safety activities during remedial activity at the Site:

- On-site air monitoring for worker protection,
- Perimeter air monitoring for community protection.

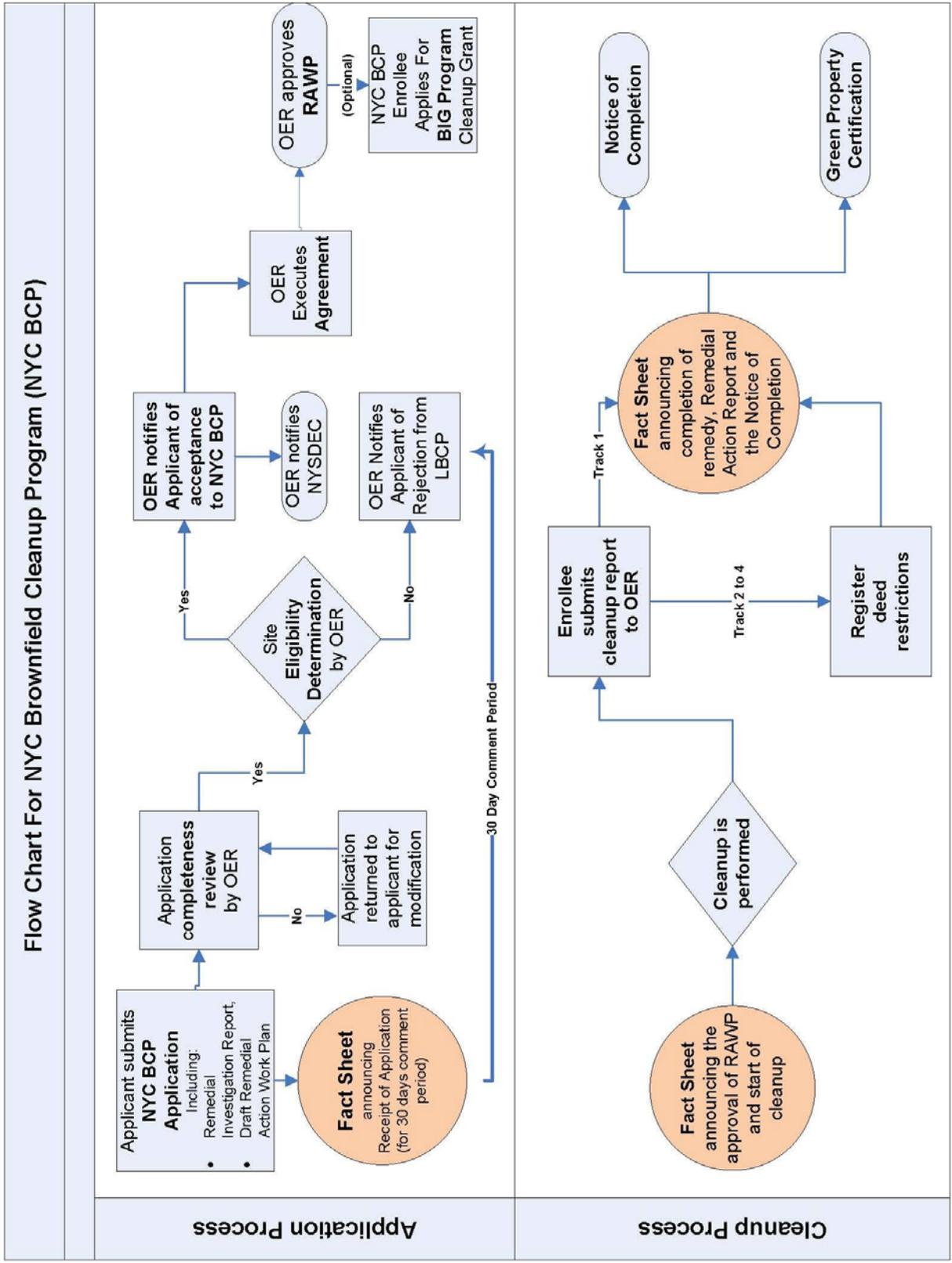
The Health and Safety Plan and the Community Air Monitoring Plan prepared as part of the Remedial Action Work Plan will be available for public review at the document repository.

Public Notice and Public Comment. Public notice to all members of the Project Contact List is required at three major steps during the performance of the cleanup program (listed below) and at other points that may be required by OER. Notices will include Fact Sheets with descriptive project summaries, updates on recent and upcoming project activities, repository information, and important phone and email contact information. All notices will be prepared by 3560 WPR LLC, reviewed and approved by OER prior to distribution and mailed by 3560 WPR LLC. Public comment is solicited in public notices for all work plans developed under the NYC Voluntary Cleanup Program. Final review of all work plans by OER will consider all public comments. Approval will not be granted until the public comment period has been completed.

Citizen Participation Milestones. Public notice and public comment activities occur at several steps during a typical NYC VCP project. See flow chart on the following page, which identifies when during the NYC VCP public notices are issued. These steps include:

- **Public Notice of the availability of the Remedial Investigation Report and Remedial Action Work Plan and a 30-day public comment period on the Remedial Action Work Plan.**
Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the availability of the Remedial Investigation Report and Remedial Action Work Plan and the initiation of a 30-day public comment period on the Remedial Action Work Plan. The Fact Sheet summarizes the findings of the RIR and provides details of the RAWP. The public comment period will be extended an additional 15 days upon public request. A public meeting or informational session will be conducted by OER upon request.
- **Public Notice announcing the approval of the RAWP and the start of remediation**
Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the approval of the RAWP and the start of remediation.

- **Public Notice announcing the completion of remediation, designation of Institutional and Engineering Controls and issuance of the Notice of Completion**
Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the completion of remediation, providing a list of all Institutional and Engineering Controls implemented for to the Site and announcing the issuance of the Notice of Completion.



APPENDIX 2 SUSTAINABILITY STATEMENT

This Sustainability Statement documents sustainable activities and green remediation efforts planned under this remedial action.

Reuse of Clean, Recyclable Materials. Reuse of clean, locally-derived recyclable materials reduces consumption of non-renewable virgin resources and can provide energy savings and greenhouse gas reduction.

This project intends to use recycled concrete aggregate wherever possible in grading and backfilling the Site. An estimate of the quantity (in tons) of clean, non-virgin materials (reported by type of material) reused under this plan will be quantified and reported in the RAR.

Reduce Consumption of Virgin and Non-Renewable Resources. Reduced consumption of virgin and non-renewable resources lowers the overall environmental impact of the project on the region by conserving these resources.

The project will reduce the consumption of virgin materials by substituting recycled concrete aggregate for mined gravel and/or sand backfill whenever possible. An estimate of the quantity (in tons) of virgin and non-renewable resources, the use of which will be avoided under this plan, will be quantified and reported in the RAR.

Reduced Energy Consumption and Promotion of Greater Energy Efficiency. Reduced energy consumption lowers greenhouse gas emissions, improves local air quality, lessens in-city power generation requirements, can lower traffic congestion, and provides substantial cost savings.

Recycled concrete materials and other backfill materials will be locally sourced reducing the energy consumption associated with transporting these materials to the Site. Best efforts will be made to quantify energy efficiencies achieved during the remediation and will be reported in the Remedial Action Report (RAR). Where energy savings cannot be easily quantified, a gross indicator of the amount of energy saved or the means by which energy savings was achieved will

be reported.

Paperless Voluntary Cleanup Program. 3560 WPR LLC is participating in OER's Paperless Voluntary Cleanup Program. Under this program, submission of electronic documents will replace submission of hard copies for the review of project documents, communications and milestone reports.

Low-Energy Project Management Program. 3560 WPR LLC is participating in OER's low-energy project management program. Under this program, whenever possible, meetings are held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic congestion associated with personal transportation.

APPENDIX 3

SOIL/MATERIALS MANAGEMENT PLAN

1.1 SOIL SCREENING METHODS

Visual, olfactory and PID soil screening and assessment will be performed under the supervision of a Qualified Environmental Professional and will be reported in the RAR. Soil screening will be performed during invasive work performed during the remedy and development phases prior to issuance of the Notice of Completion.

1.2 STOCKPILE METHODS

Excavated soil from suspected areas of contamination (e.g., hot spots, USTs, drains, etc.) will be stockpiled separately and will be segregated from clean soil and construction materials. Stockpiles will be used only when necessary and will be removed as soon as practicable. While stockpiles are in place, they will be inspected daily, and before and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. Excavated soil will be stockpiled on, at minimum, double layers of 8-mil minimum sheeting, will be kept covered at all times with appropriately anchored plastic tarps, and will be routinely inspected. Broken or ripped tarps will be promptly replaced.

All stockpile activities will be compliant with applicable laws and regulations. Soil stockpile areas will be appropriately graded to control run-off in accordance with applicable laws and regulations. Stockpiles of excavated soil and other materials shall be located at least of 50 feet from the property boundaries, where possible. Hay bales or equivalent will surround soil stockpiles except for areas where access by equipment is required. Silt fencing and hay bales will be used as needed near catch basins, surface waters and other discharge points.

1.3 CHARACTERIZATION OF EXCAVATED MATERIALS

Soil/fill or other excavated media that is transported off-Site for disposal will be sampled in a manner required by the receiving facility, and in compliance with applicable laws and regulations. Soil proposed for reuse on-Site will be managed as defined in this plan.

1.4 MATERIALS EXCAVATION, LOAD-OUT AND DEPARTURE

The PE/QEP overseeing the remedial action will:

- Oversee remedial work and the excavation and load-out of excavated material;
- Ensure that there is a party responsible for the safe execution of invasive and other work performed under this work plan;
- Ensure that Site development activities and development-related grading cuts will not interfere with, or otherwise impair or compromise the remedial activities proposed in this RAWP;
- Ensure that the presence of utilities and easements on the Site has been investigated and that any identified risks from work proposed under this plan are properly addressed by appropriate parties;
- Ensure that all loaded outbound trucks are inspected and cleaned if necessary before leaving the Site; and
- Ensure that all egress points for truck and equipment transport from the Site will be kept clean of Site-derived materials during Site remediation.

Locations where vehicles exit the Site shall be inspected daily for evidence of soil tracking off premises. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site-derived materials.

Open and uncontrolled mechanical processing of historical fill and contaminated soil on-Site will not be performed without prior OER approval.

1.5 OFF-SITE MATERIALS TRANSPORT

Loaded vehicles leaving the Site will comply with all applicable materials transportation requirements (including appropriate covering, manifests, and placards) in accordance with applicable laws and regulations, including use of licensed haulers in accordance with 6 NYCRR Part 364. If loads contain wet material capable of causing leakage from trucks, truck liners will be used. Queuing of trucks will be performed on-Site, when possible in order to minimize off Site disturbance. Off-Site queuing will be minimized.

Outbound truck transport routes will be to turn right on East 212th Street, and make the first available left on Duncomb Avenue, followed by a right on East Gun Hill Road. East Gun Hill Road (turns into West Gun Hill Road) provides access to the Major Deegan Expressway

(Interstate 87). This routing takes into account the following factors: (a) limiting transport through residential areas and past sensitive sites; (b) use of mapped truck routes; (c) minimizing off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport. To the extent possible, all trucks loaded with Site materials will travel from the Site using these truck routes. Trucks will not stop or idle in the neighborhood after leaving the project Site.

1.6 MATERIALS DISPOSAL OFF-SITE

The following documentation will be established and reported by the PE/QEP for each disposal destination used in this project to document that the disposal of regulated material exported from the Site conforms with applicable laws and regulations: (1) a letter from the PE/QEP or Enrollee to each disposal facility describing the material to be disposed and requesting written acceptance of the material. This letter will state that material to be disposed is regulated material generated at an environmental remediation Site in the Bronx, New York under a governmental remediation program. The letter will provide the project identity and the name and phone number of the PE/QEP or Enrollee. The letter will include as an attachment a summary of all chemical data for the material being transported; and (2) a letter from each disposal facility stating it is in receipt of the correspondence (1, above) and is approved to accept the material. These documents will be included in the RAR.

The Remedial Action Report will include an itemized account of the destination of all material removed from the Site during this remedial action. Documentation associated with disposal of all material will include records and approvals for receipt of the material. This information will be presented in the RAR.

All contaminated soil/fill or other waste excavated and removed from the Site will be managed as regulated material and will be disposed in accordance with applicable laws and regulations. Historic fill and contaminated soil taken off-Site will be handled as solid waste and will not be disposed at a Part 360-16 Registration Facility (also known as a Soil Recycling Facility).

Waste characterization will be performed for off-Site disposal in a manner required by the

receiving facility and in conformance with its applicable permits. Waste characterization sampling and analytical methods, sampling frequency, analytical results and QA/QC will be reported in the RAR. A manifest system for off-Site transportation of exported materials will be employed. Manifest information will be reported in the RAR. Hazardous wastes derived from on-Site will be stored, transported, and disposed of in compliance with applicable laws and regulations.

If disposal of soil/fill from this Site is proposed for unregulated disposal (i.e., clean soil removed for development purposes), including transport to a Part 360-16 Registration Facility, a formal request will be made for approval by OER with an associated plan compliant with 6NYCRR Part 360-16. This request and plan will include the location, volume and a description of the material to be recycled, including verification that the material is not impacted by site uses and that the material complies with receipt requirements for recycling under 6NYCRR Part 360. This material will be appropriately handled on-Site to prevent mixing with impacted material.

1.7 MATERIALS REUSE ON-SITE

Although not anticipated as part of the project, soil and fill that is derived from the property that meets the soil cleanup objectives established in this plan may be reused on-Site. The soil cleanup objectives for on-Site reuse are the Track 4 SCOs. 'Reuse on-Site' means material that is excavated during the remedy or development, does not leave the property, and is relocated within the same property and on comparable soil/fill material, and addressed pursuant to the NYC VCP agreement subject to Engineering and Institutional Controls. The PE/QEP will ensure that reused materials are segregated from other materials to be exported from the Site and that procedures defined for material reuse in this RAWP are followed.

Organic matter (wood, roots, stumps, etc.) or other waste derived from clearing and grubbing of the Site will not be buried on-Site. Soil or fill excavated from the site for grading or other purposes will not be reused within a cover soil layer or within landscaping berms.

1.8 DEMARCATION

After completion of hotspot removal and any other invasive remedial activities, and prior to

backfilling, the top of the residual soil/fill will be defined by one of three methods: (1) placement of a demarcation layer. The demarcation layer will consist of geosynthetic fencing or equivalent material to be placed on the surface of residual soil/fill to provide an observable reference layer. A description or map of the approximate depth of the demarcation layer will be provided in the SMP; or (2) a land survey of the top elevation of residual soil/fill before the placement of cover soil, pavement and associated sub-soil, or other materials or structures or, (3) all materials beneath the approved cover will be considered impacted and subject to site management after the remedy is complete. Demarcation may be established by one or any combination of these three methods. As appropriate, a map showing the method of demarcation for the Site and all associated documentation will be presented in the RAR.

This demarcation will constitute the top of the site management horizon. Materials within this horizon require adherence to special conditions during future invasive activities as defined in the Site Management Plan.

1.9 IMPORT OF BACKFILL SOIL FROM OFF-SITE SOURCES

This Section presents the requirements for imported fill materials to be used below the cover layer and within the clean soil cover layer. All imported soil will meet OER-approved backfill and cover soil quality objectives for this Site. The backfill and cover soil quality objectives are the Track 4 SCOs.

A process will be established to evaluate sources of backfill and cover soil to be imported to the Site, and will include an examination of source location, current and historical use(s), and any applicable documentation. Material from industrial sites, spill sites, environmental remediation sites or other potentially contaminated sites will not be imported to the Site.

The following potential sources may be used pending attainment of backfill and cover soil quality objectives:

- Clean soil from construction projects at non-industrial sites in compliance with applicable laws and regulations;
- Clean soil from roadway or other transportation-related projects in compliance with applicable laws and regulations; and

- Clean recycled concrete aggregate (RCA) from facilities permitted or registered by the regulations of NYS DEC.

All materials received for import to the Site will be approved by a PE/QEP and will be in compliance with provisions in this RAWP. The RAR will report the source of the fill, evidence that an inspection was performed on the source, chemical sampling results, frequency of testing, and a Site map indicating the locations where backfill or soil cover was placed.

Source Screening and Testing

Inspection of imported fill material will include visual, olfactory and PID screening for evidence of contamination. Materials imported to the Site will be subject to inspection, as follows:

- Trucks with imported fill material will be in compliance with applicable laws and regulations and will enter the Site at designated locations;
- The PE/QEP is responsible to ensure that every truck load of imported material is inspected for evidence of contamination; and
- Fill material will be free of solid waste including pavement materials, debris, stumps, roots, and other organic matter, as well as ashes, oil, perishables or foreign matter.

Composite samples of imported material will be taken at a minimum frequency of one sample for every 500 cubic yards of material. Once it is determined that the fill material meets imported backfill or cover soil chemical requirements and is non-hazardous, and lacks petroleum contamination, the material will be loaded onto trucks for delivery to the Site.

Recycled concrete aggregate (RCA) will be imported from facilities permitted or registered by NYSDEC. Facilities will be identified in the RAR. A PE/QEP is responsible to ensure that the facility is compliant with 6NYCRR Part 360 registration and permitting requirements for the period of acquisition of RCA. RCA imported from compliant facilities will not require additional testing, unless required by NYSDEC under its terms for operation of the facility. RCA imported to the Site must be derived from recognizable and uncontaminated concrete. RCA material is not acceptable for, and will not be used as cover material.

1.10 FLUIDS MANAGEMENT

All liquids to be removed from the Site, including dewatering fluids, will be handled, transported

and disposed in accordance with applicable laws and regulations. Liquids discharged into the New York City sewer system will receive prior approval by New York City Department of Environmental Protection (NYC DEP). The NYC DEP regulates discharges to the New York City sewers under Title 15, Rules of the City of New York Chapter 19. Discharge to the New York City sewer system will require an authorization and sampling data demonstrating that the groundwater meets the City's discharge criteria. The dewatering fluid will be pretreated as necessary to meet the NYC DEP discharge criteria. If discharge to the City sewer system is not appropriate, the dewatering fluids will be managed by transportation and disposal at an off-Site treatment facility.

Discharge of water generated during remedial construction to surface waters (i.e. a stream or river) is prohibited without a SPDES permit issued by New York State Department of Environmental Conservation.

1.11 STORM-WATER POLLUTION PREVENTION

Applicable laws and regulations pertaining to storm-water pollution prevention will be addressed during the remedial program. Erosion and sediment control measures identified in this RAWP (silt fences and barriers, and hay bale checks) will be installed around the entire perimeter of the remedial construction area and inspected once a week and after every storm event to ensure that they are operating appropriately. Discharge locations will be inspected to determine whether erosion control measures are effective in preventing significant impacts to receptors. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. All necessary repairs shall be made immediately. Accumulated sediments will be removed as required to keep the barrier and hay bale check functional. Undercutting or erosion of the silt fence toe anchor will be repaired immediately with appropriate backfill materials. Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

1.12 CONTINGENCY PLAN

This contingency plan is developed for the remedial construction to address the discovery of unknown structures or contaminated media during excavation. Identification of unknown

contamination source areas during invasive Site work will be promptly communicated to OER's Project Manager. Petroleum spills will be reported to the NYS DEC Spill Hotline. These findings will be included in the daily report. If previously unidentified contaminant sources are found during on-Site remedial excavation or development-related excavation, sampling will be performed on contaminated source material and surrounding soil and reported to OER. Chemical analytical testing will be performed for TAL metals, TCL volatiles and semi-volatiles, TCL pesticides and PCBs, as appropriate.

1.13 ODOR, DUST AND NUISANCE CONTROL

Odor Control

All necessary means will be employed to prevent on- and off-Site odor nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) use of foams to cover exposed odorous soil. If odors develop and cannot otherwise be controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soil to trucks for off-Site disposal; and (e) use of chemical odorants in spray or misting systems.

This odor control plan is capable of controlling emissions of nuisance odors. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. OER will be notified of all odor complaint events. Implementation of all odor controls, including halt of work, will be the responsibility of the PE/QEP's certifying the Remedial Action Report.

Dust Control

Dust management during invasive on-Site work will include, at a minimum:

- Use of a dedicated water spray methodology for roads, excavation areas and stockpiles.
- Use of properly anchored tarps to cover stockpiles.
- Exercise extra care during dry and high-wind periods.
- Use of gravel or recycled concrete aggregate on egress and other roadways to provide a clean and dust-free road surface.

This dust control plan is capable of controlling emissions of dust. If nuisance dust emissions are identified, work will be halted and the source of dusts will be identified and corrected. Work will not resume until all nuisance dust emissions have been abated. OER will be notified of all dust complaint events. Implementation of all dust controls, including halt of work, will be the responsibility of the PE/QEP's responsible for certifying the Remedial Action Report.

Other Nuisances

Noise control will be exercised during the remedial program. All remedial work will conform, at a minimum, to NYC noise control standards. Rodent control will be provided, during Site clearing and grubbing, and during the remedial program, as necessary, to prevent nuisances.

Appendix 4

CONSTRUCTION HEALTH AND SAFETY PLAN

**3560-3584 White Plains Road &
709-713 East 212th Street
BRONX, NEW YORK**

Construction Health and Safety Plan

E-Designation E-279

Prepared for:

3560 WPR LLC
121 Tweed Blvd
Nyack, NY 10960

Prepared by:



AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016
212-696-0670

MARCH 2014

TABLE OF CONTENTS

1.0	PURPOSE.....	1
2.0	APPLICABILITY.....	1
3.0	SITE DESCRIPTION.....	1
3.1	General Information.....	1
3.2	Hazard Potential.....	2
3.3	Hazard Evaluation.....	3
3.3.1	Hazards of Concern.....	3
3.3.2	Physical Characteristics.....	3
3.3.3	Hazardous Materials.....	4
3.3.4	Known and Suspect Chemicals of Concern.....	4
3.3.5	West Nile Virus.....	5
4.0	HEALTH AND SAFETY OFFICER.....	5
5.0	TRAINING.....	6
6.0	GENERAL WORK PRACTICES.....	6
7.0	PERSONAL PROTECTIVE EQUIPMENT & AIR MONITORING.....	6
7.1	Personal Protective Equipment.....	6
7.2	Work Zone Air Monitoring.....	7
8.0	DECONTAMINATION PROCEDURES.....	8
8.1	Personnel Decontamination.....	8
8.2	Sampling Equipment Decontamination.....	8
8.3	Heavy Equipment Decontamination.....	9
9.0	EMERGENCY RESPONSE.....	9
9.1	Emergency Procedures.....	9
9.1.1	Chemical Exposure.....	9
9.1.2	Personal Injury.....	10
9.1.3	Evacuation Procedures.....	10
9.1.4	Procedures Implemented in the Event of a Major Fire, Explosion, or Emergency.....	10
9.1.5	Spill Response.....	10
9.2	Hospital Directions.....	11
9.3	CHASP Contact Information.....	11
10.0	APPROVAL & ACKNOWLEDGMENTS OF CHASP.....	12

FIGURES

Figure 1 - Hospital Location Map

APPENDICES

- Appendix A - Potential Health Effects from On-site Contaminants
- Appendix B - West Nile Virus/St. Louis Encephalitis Prevention
- Appendix C - Report Forms
- Appendix D - Emergency Hand Signals

1.0 PURPOSE

The purpose of this Construction Phase Environmental Health and Safety Plan (“CHASP”) is to assign responsibilities, establish personnel protection standards and mandatory safety practices and procedures, and provide for contingencies that may arise during construction at the project site. The CHASP is intended to minimize health and safety risks resulting from the known and potential presence of hazardous materials on the site.

This plan is not designed to address potential geotechnical, mechanical, or structural safety concerns, nor to supersede or replace any OSHA regulation and/or local and state construction codes or regulations.

2.0 APPLICABILITY

Work subject to this CHASP includes activities that disturb the existing soil or groundwater on-site. The contractors and their subcontractors involved in the construction project will provide a copy of this CHASP to their employees whose work involves any potential exposure to the on-site chemical hazards, and will complete all work in accordance with this CHASP.

3.0 SITE DESCRIPTION

3.1 General Information

The Site is located in the Williamsbridge section of the Bronx and is identified as Tax Block 4657, Lots 90, 94, and 96 on the New York City Tax Map. Figure 1 shows the Site location. The Site totals approximately 21,000-square feet and is bounded to the north by East 213th Street and residential/commercial structures including a grocery; to the east by residential structures; to the south by East 212th Street, a grocery and an undeveloped lot; and to the west by White Plains Road and a parking lot beneath elevated MTA subway tracks. Currently, the Site includes a 12,900-square foot two-story commercial/retail building with a partial basement on Lot 94; an approximately 11,000-square foot two-story commercial/retail building with a partial basement on Lot 96; and an approximately 5,000-square foot vacant lot at Lot 90. The buildings on Lots 94 and 96 contain unfinished crawlspaces beneath portions of the first floor (on the eastern side of the buildings) that are separated from the basement areas by vertical concrete block walls.

The proposed use of the Site will consist of a two-story commercial and residential structure (with subsequent vertical enlargements), with some limited ground disturbance as follows:

Lot 96:

The existing building would be converted to a fitness center and other commercial uses. The proposed conversion would require the installation of an elevator pit in the basement and a small footing in the northeastern portion of the basement for a new staircase.

Lots 90 and 94

The existing Lot 94 building would be structurally reinforced for conversion to a fitness center and would require ground disturbance in limited areas to approximately 3 to 11 feet below the existing cellar slab for new footings, new grade beams, and the foundation for a new staircase. The proposed commercial space on the ground floor of Lot 90 would require excavation in a

small area to between 10 and 12 feet below sidewalk grade for an elevator pit; and new footings, foundations and slab on grade in other areas. Development on Lot 90 will not include a cellar level, but some limited regrading will be required including potentially removal of a historical concrete slab and some bedrock.

3.2 Hazard Potential

A Remedial Investigation (RI) was performed by AKRF, Inc. (AKRF) at the Site (and on the east adjacent tax lot) to compile and evaluate data and information necessary to develop this CHASP. Significant findings of the RI which are pertinent to the development activities proposed for the Site include the following:

- The Site elevation is approximately 110 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level).
- Groundwater was not encountered during the Remedial Investigation. Based on a previous geotechnical study, depth to groundwater ranges from approximately 14 to 16 feet below ground surface at the Site.
- Based on the topographical data, groundwater is assumed to flow in a generally westerly direction towards the Bronx River (approximately 1,100 feet away).
- Previous geotechnical investigations conducted at the Site encountered bedrock at approximately 10 feet below ground surface. Apparent bedrock was observed immediately beneath the buildings on Lots 94 and 96 during the RI and there is a bedrock outcrop in the crawl spaces.
- Soil observed in the borings advanced during the RI consisted primarily of sandy fill materials (including brick fragments) with silt with varying amounts of gravel and schist fragments to termination depths of 12 feet below ground surface prior to refusal on apparent bedrock.
- The results of the soil sampling completed during the RI showed no volatile organic compounds (VOCs) exceeding NYSDEC Unrestricted Use Soil Cleanup Objectives (USCOs) or Restricted Residential Soil Cleanup Objectives (RSCOs). Seven individual polycyclic aromatic hydrocarbons (PAHs) were detected in one sample at concentrations exceeding USCOs and/or RSCOs. Mercury exceeded both the USCO and RSCO in one soil sample. Nickel, lead, copper and chromium exceeded USCOs (generally by one order of magnitude or less) in up to six soil samples but none exceeded RSCOs. No other metals exceeded USCOs. Trace concentrations (below the USCOs) of polychlorinated biphenyls (PCBs) were detected in one soil sample. Two pesticides exceeded USCOs (but were below RSCOs) in one soil sample. No evidence of a contamination source identified by the soil sampling. The detected levels of SVOC, metals and pesticide are likely attributable to the historical fill beneath the Site (observed in the soil borings during the RI). There was no evidence of a release or spill (e.g., odors, staining, or significant PID readings).
- Groundwater was not encountered during the RI, likely due to refusal resulting from shallow bedrock.
- The soil vapor sampling detected 31 VOCs in the ten samples. Chlorinated VOCs (cis-1,2-DCE, PCE and TCE) were detected at concentrations ranging from 1.18 to 793 micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$). PCE was detected in eight samples, with the maximum concentration of $793 \mu\text{g}/\text{m}^3$ at location SV-7 within Lot 94. The New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006 revised

September 2013) value (AGV) for PCE ($30 \mu\text{g}/\text{m}^3$) was exceeded at this location and at SV-11 ($144 \mu\text{g}/\text{m}^3$), within Lot 96. TCE was detected in three samples ranging from 6.66 to $16.2 \mu\text{g}/\text{m}^3$, all of which exceeded the NYSDOH AGV of $5 \mu\text{g}/\text{m}^3$. Acetone was detected at $1,470 \mu\text{g}/\text{m}^3$ at SV-10 (there is no AGV for acetone). Low levels of VOCs typically associated with gasoline (1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, heptane, xylenes, n-hexane, and toluene) were detected at concentrations up to $86.3 \mu\text{g}/\text{m}^3$; (there are no AGVs for these compounds)..

A vapor barrier and Sub-Slab Depressurization System (SSDS) will be installed beneath the buildings. These conditions have been considered in relation to the development of this CHASP and worker safety during the redevelopment activities associated with the Site.

3.3 Hazard Evaluation

The most likely routes of exposure are breathing of volatile and semivolatile compounds or particulate-laden air released during soil disturbing activities, dermal contact, and accidental ingestion. Appendix A includes specific health effects from the known on-site chemicals. The remaining sections of this CHASP address procedures (including training, air monitoring, work practices and emergency response) to reduce the potential for unnecessary and unacceptable exposure to these contaminants.

The potential adverse health effects from these detected contaminants are diverse. Many of these compounds are known or suspected to result in chronic illness from long-term exposures. However, due to the limited nature of the proposed construction, only acute effects are a potential concern.

This CHASP addresses potential environmental hazards from the presence of hazardous materials. It is not intended to address the normal hazards of construction work, which are separately covered by OSHA regulations and/or local and state construction codes and regulations. Although some of the chemicals of concern listed in the sections below were not detected during the Phase II study conducted, they are included here as a precaution.

3.3.1 Hazards of Concern

Check all that apply		
<input checked="" type="checkbox"/> Organic Chemicals	<input checked="" type="checkbox"/> Inorganic Chemicals	<input type="checkbox"/> Radiological
<input type="checkbox"/> Biological	<input type="checkbox"/> Explosive/Flammable	<input type="checkbox"/> Oxygen Deficient Atm.
<input checked="" type="checkbox"/> Heat Stress	<input checked="" type="checkbox"/> Cold Stress	<input type="checkbox"/> Other
Comments: No personnel are permitted to enter permit confined spaces		

3.3.2 Physical Characteristics

Check all that apply		
<input type="checkbox"/> Liquid	<input checked="" type="checkbox"/> Solid	<input type="checkbox"/> Sludge
<input checked="" type="checkbox"/> Vapors	<input type="checkbox"/> Unknown	<input type="checkbox"/> Other
Comments:		

3.3.3 Hazardous Materials

Check all that apply					
Chemicals	Solids	Sludges	Solvents	Oils	Other
<input type="checkbox"/> Acids	<input checked="" type="checkbox"/> Ash	<input type="checkbox"/> Paints	<input checked="" type="checkbox"/> Halogens	<input type="checkbox"/> Transformer	<input type="checkbox"/> Lab
<input type="checkbox"/> Caustics	<input checked="" type="checkbox"/> Asbestos	<input type="checkbox"/> Metals	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Other DF	<input type="checkbox"/> Pharm.
<input checked="" type="checkbox"/> Pesticides	<input type="checkbox"/> Tailings	<input type="checkbox"/> POTW	<input type="checkbox"/> Other	<input type="checkbox"/> Motor or Hydraulic Oil	<input type="checkbox"/> Hospital
<input checked="" type="checkbox"/> Petroleum	<input checked="" type="checkbox"/> Other: Fill Material	<input type="checkbox"/> Other – Tars & Other NAPL		<input type="checkbox"/> Gasoline	<input type="checkbox"/> Rad.
<input type="checkbox"/> Inks				<input type="checkbox"/> Fuel Oil	<input type="checkbox"/> MGP
<input checked="" type="checkbox"/> PCBs					<input type="checkbox"/> Mold
<input checked="" type="checkbox"/> Metals					<input type="checkbox"/> Cyanide
<input checked="" type="checkbox"/> Other: VOCs & SVOCs					

3.3.4 Known and Suspect Chemicals of Concern

Chemicals	REL/PEL/STEL (ppm)	Health Hazards
Carbon Tetrachloride	REL = 12.6 mg/m ³ PEL = 10 ppm	High exposure to carbon tetrachloride can cause liver, kidney, and central nervous system damage. These effects can occur after ingestion or breathing carbon tetrachloride, and possibly from exposure to the skin. T
Copper	REL = 0.1 mg/m ³ PEL = 0.1 mg/m ³	Irritation eyes, upper respiratory system; metal fume fever: chills, muscle ache, nausea, fever, dry throat, cough, lassitude (weakness, exhaustion); metallic or sweet taste; discoloration skin, hair.
DDT/DDE (pesticides)	REL = 0.5 mg/m ³ PEL = 1 mg/m ³ [skin]	Irritation eyes, skin; paresthesia tongue, lips, face; tremor; anxiety, dizziness, confusion, malaise (vague feeling of discomfort), headache, lassitude (weakness, exhaustion); convulsions; paresis hands; vomiting; potential carcinogen.
Fuel Oil	REL = 350 mg/m ³ PEL = 400 ppm	Nausea, irritation – eyes, hypertension, headache, light-headedness, loss of appetite, poor coordination; long-term exposure – kidney damage, blood clotting problems; potential carcinogen.
Lead	REL = 0.05 mg/m ³ PEL = 0.05 mg/m ³	Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension.
Mercury	REL = 0.1 mg/m ³ PEL = 0.05 mg/m ³	Irritation eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria.
PCBs	REL = 0.001 mg/m ³ PEL = 0.5 mg/m ³ [skin]	irritation eyes; chloracne; liver damage; reproductive effects; potential occupational carcinogen.
Polycyclic Aromatic Hydrocarbons (PAHs)	PEL = 5 mg/m ³	Harmful effects to skin, bodily fluids, and ability to fight disease, reproductive problems; potential carcinogen.
Tetrachloroethene	PEL = 100 ppm Ceiling = 200 ppm	High concentrations of tetrachloroethylene (particularly in closed, poorly ventilated areas) can cause dizziness, headache, sleepiness, confusion, nausea, difficulty in speaking and

Chemicals	REL/PEL/STEL (ppm)	Health Hazards
	Five minute max peak in any 3 hours = 300 ppm	walking, unconsciousness, and death.
Trichloroethene	PEL = 100 ppm Ceiling = 200 ppm Five minute max peak in any 3 hours = 300 ppm	Breathing small amounts may cause headaches, lung irritation, dizziness, poor coordination, and difficulty concentrating. Breathing large amounts of trichloroethylene may cause impaired heart function, unconsciousness, and death. Breathing it for long periods may cause nerve, kidney, and liver damage. Drinking large amounts of trichloroethylene may cause nausea, liver damage, unconsciousness, impaired heart function, or death. Drinking small amounts of trichloroethylene for long periods may cause liver and kidney damage, impaired immune system function, and impaired fetal development in pregnant women, although the extent of some of these effects is not yet clear. Skin contact with trichloroethylene for short periods may cause skin rashes.
Dichloroethene	PEL = 100 ppm Ceiling = 200 ppm Five minute max peak in any 3 hours = 300 ppm	Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired; breathing very high levels can kill you. When animals breathed high levels of <i>trans</i> -1,2-dichloroethene for short or longer periods of time, their livers and lungs were damaged and the effects were more severe with longer exposure times. Animals that breathed very high levels of <i>trans</i> -1,2-dichloroethene had damaged hearts. Animals that ingested extremely high doses of <i>cis</i> - or <i>trans</i> -1,2-dichloroethene died. Lower doses of <i>cis</i> -1,2-dichloroethene caused effects on the blood, such as decreased numbers of red blood cells, and also effects on the liver. The long-term (365 days or longer) human health effects after exposure to low concentrations of 1,2-dichloroethene aren't known.
Comments: REL = National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit PEL = OSHA Permissible Exposure Limit STEL = OSHA Short Term Exposure Limit		

3.3.5 West Nile Virus

The only way to avoid infection of West Nile Virus and St. Louis encephalitis is to avoid mosquito bites. Information provided by the CDC Division of Vector-Borne Infectious Diseases on this issue is provided in Appendix B.

4.0 HEALTH AND SAFETY OFFICER

The contractor or engineer will designate one of its personnel as the Site Safety Officer (“SSO”). The SSO will be a competent person responsible for the implementation of this plan. The SSO will have completed a 40-hour training course (up-dated by an annual refresher) that meets OSHA requirements of

29 CFR Part 1910, Occupational Safety and Health Standards. The SSO has stop-work authorization, which he/she will execute on his/her determination of an imminent safety hazard, emergency situation, or other potentially dangerous situation. If the SSO must be absent from the site, he/she will designate a suitably qualified replacement that is familiar with the CHASP. If work is stopped for any reason, the NYC OER would be notified immediately.

5.0 TRAINING

All those who enter the work area while intrusive activities are being performed must recognize and understand the potential hazards to health and safety. All construction personnel upon entering the site must attend a brief training meeting, its purpose being to:

- Make workers aware of the potential hazards they may encounter;
- Instruct workers on how to identify potential hazards,
- Provide the knowledge and skills necessary for them to perform the work with minimal risk to health and safety;
- Make workers aware of the purpose and limitations of safety equipment; and
- Ensure that they can safely avoid or escape from emergencies.

Each member of the construction crew will be instructed in these objectives before he/she goes onto the site. Construction personnel will be responsible for identifying potential hazards in the work zone. The SSO or other suitably trained individual will be responsible for conducting the training program. Others who enter the site must be accompanied by a suitably-trained construction worker.

6.0 GENERAL WORK PRACTICES

To protect the health and safety of the field personnel, all field personnel will adhere to the guidelines listed below during activities involving subsurface disturbance in contaminated areas.

- Eating, drinking, chewing gum or tobacco, and smoking are prohibited, except in designated areas on the site. These areas will be designated by the SSO.
- Workers must wash their hands and face thoroughly on leaving the work area and before eating, drinking, or any other such activity. The workers should shower as soon as possible after leaving the site.
- Contact with contaminated or suspected surfaces should be avoided.
- The buddy system should always be used; each buddy should watch for signs of fatigue, exposure, and heat stress.

7.0 PERSONAL PROTECTIVE EQUIPMENT & AIR MONITORING

7.1 Personal Protective Equipment

The personal protection equipment required for various kinds of site investigation tasks are based on 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response, Appendix B, "General Description and Discussion of the Levels of Protection and Protective Gear."

AKRF field personnel and other site personnel will wear, at a minimum, Level D personal protective equipment. The protection will be based on the air monitoring described in Section 7.2.

Level of Protection Summary

LEVEL OF PROTECTION & PPE	Excavation and Other Earth Moving Activities
Level D <input checked="" type="checkbox"/> Steel Toe Shoes <input checked="" type="checkbox"/> Hard Hat (within 25 ft of excavator) <input checked="" type="checkbox"/> Work Gloves <input checked="" type="checkbox"/> Safety Glasses <input type="checkbox"/> Face Shield <input checked="" type="checkbox"/> Ear Plugs (within 25 ft of excavator) <input type="checkbox"/> Latex Gloves	Yes
Level D – Modified <i>(in addition to Level D)</i> <input checked="" type="checkbox"/> Tyvek Coveralls <input checked="" type="checkbox"/> Nitrile Gloves <input type="checkbox"/> Overboots <input type="checkbox"/> Saranex Coveralls	As necessary
Level C <i>(in addition to Level D – Modified)</i> <input checked="" type="checkbox"/> Half-Face Respirator <input type="checkbox"/> Full Face Respirator <input type="checkbox"/> Full-Face PAPR <input type="checkbox"/> Particulate Cartridge <input type="checkbox"/> Organic Cartridge <input checked="" type="checkbox"/> Dual Organic/Particulate Cartridge	If PID > 10 ppm or particulate > 5 mg/m ³ (in breathing zone)
Comments: Cartridges to be changed out at least once per shift unless warranted beforehand (e.g., more difficult to breath or any odors detected).	

7.2 Work Zone Air Monitoring

Real time air monitoring will be performed with a photoionization detector (PID) and with a particulate air monitor during sampling and soil excavation work required for Site development. Measurements would be taken prior to commencement of work and continuously during the work as outlined in the following table. Measurements will be made as close to the workers as practicable and at the breathing height of the workers. The SSO will set up the equipment and confirm that it is working properly. His/her designee may oversee the air measurements during the day. The initial measurement for the day will be performed before the start of work and will establish the background level for that day. The final measurement for the day will be performed after the end of work. The action levels and required responses are listed in the following table.

Action Levels and Required Safety Response Actions

Instrument	Task to be Monitored	Action Level	Response Action
PID (OVM 580B or equivalent)	All Soil Movement Activities	Less than 10 ppm in breathing zone.	Level D or D-Modified
		Between 10 and 20 ppm	Level C

		More than 20 ppm	Stop work. Resume work when readings are less than 20 ppm.
Particulate monitor (Dustrak, MIE 1000 Personal DataRam or equivalent)	All Soil Movement Activities	Less than 5 mg/m ³	Level D
		Between 5 mg/m ³ and 125 mg/m ³	Level C. Apply dust suppression measures. If < 2.5 mg/m ³ , resume work using Level D. Otherwise, use Level C.
		Above 125 mg/m ³	Stop work. Apply additional dust suppression measures. Resume work when less than 125 mg/m ³ .

Field personnel will be trained in the proper operation of all field instruments at the start of the field program. Instruction manuals for the equipment will be on file at the site for referencing proper operation, maintenance and calibration procedures.

The equipment will be calibrated according to manufacturer specifications at the start of each day of fieldwork. If an instrument fails calibration, the project manager will be contacted immediately to obtain a replacement instrument and arrange for repairs. A calibration log will be maintained to record the date of each calibration, any failure to calibrate and corrective actions taken. The PID will be calibrated each day using 100 parts per million (ppm) isobutylene standard gas.

8.0 DECONTAMINATION PROCEDURES

8.1 Personnel Decontamination

Personnel decontamination (decon), if deemed necessary by the SSO, will take place in a designated decontamination area. This area will be delineated during each stage of work. Personnel decontamination will consist of the following steps:

- Soap and potable water wash and potable water rinse of gloves;
- Coverall removal (if applicable);
- Glove removal;
- Disposable clothing removal; and
- Field wash of hands and face.

8.2 Sampling Equipment Decontamination

Any non-disposable sampling equipment for confirmatory sampling or other equipment that is in contact with contaminated materials will be decontaminated in accordance with the following procedure:

- Double wash with solution of Simple Green[®] and clean tap water;
- Double rinse with clean tap water;
- Rinse with clean distilled water; and

- Allow equipment to air dry.

8.3 Heavy Equipment Decontamination

If heavy equipment comes in contact with contaminated materials, it will be decontaminated prior to being relocated to a clean area or leaving the site. A designated decontamination pad will be constructed, where soil, dust, or oil will be washed off the exterior, undercarriage, and wheels or tracks of the equipment. Wash water will be collected for treatment and/or disposal.

9.0 EMERGENCY RESPONSE

9.1 Emergency Procedures

In the event that an emergency develops on site, the procedures delineated herein are to be immediately followed. Emergency conditions are considered to exist if:

- Any member of the field crew is involved in an accident or experiences any adverse effects or symptoms of exposure while on site; and
- A condition is discovered that suggests the existence of a situation more hazardous than anticipated.
- A spill of oil or other hazardous materials.

General emergency procedures, and specific procedures for personal injury, chemical exposure and radiation exposure, are described below. In the event of an accident or emergency, an Incident Report form should be filled out and placed in the project file. An example Weekly Safety Report Form and Incident Report Form are provided in Appendix C. Information on emergency hand signals is provided in Appendix D.

9.1.1 Chemical Exposure

If a member of the field crew demonstrates symptoms of chemical exposure the procedures outlined below should be followed:

- Another team member (buddy) should remove the individual from the immediate area of contamination. The buddy should communicate to the SSO (via voice and hand signals) of the chemical exposure. The SSO should contact the appropriate emergency response agency.
- Precautions should be taken to avoid exposure of other individuals to the chemical.
- If the chemical is on the individual's clothing, the chemical should be neutralized or removed if it is safe to do so.
- If the chemical has contacted the skin, the skin should be washed with copious amounts of water.
- In case of eye contact, an emergency eye wash should be used. Eyes should be washed for at least 15 minutes.
- All chemical exposure incidents must be reported in writing to the SSO. The SSO is responsible for completing the Incident Report Form.

9.1.2 Personal Injury

In case of personal injury at the site, the following procedures should be followed:

- Another team member (buddy) should signal the SSO that an injury has occurred.
- A field team member trained in first aid can administer treatment to an injured worker.
- If deemed necessary, the victim should then be transported to the nearest hospital or medical center. If necessary, an ambulance should be called to transport the victim.
- The SSO is responsible for making certain that an Incident Report Form is completed. This form is to be submitted to the SSO. Follow-up action should be taken to correct the situation that caused the accident.
- Any incident (near miss, property damage, first aid, medical treatment, etc.) must be reported.

A first-aid kit, eye-wash, and blood-borne pathogens kit will be kept on-site during the field activities.

9.1.3 Evacuation Procedures

- The SSO will initiate evacuation procedures by signaling to leave the site or containment structure;
- All personnel in the work area should evacuate the area and meet in the common designated area;
- All personnel suspected to be in or near the contract work area should be accounted for and the whereabouts or missing persons determined immediately; and
- The SSO will then give further instruction.

9.1.4 Procedures Implemented in the Event of a Major Fire, Explosion, or Emergency

- Notify the paramedics and/or fire department, as necessary;
- Signal the evacuation procedure previously outlined and implement the entire procedure;
- Isolate the area;
- Stay upwind of any fire;
- Keep the area surrounding the problem source clear after the incident occurs;
- Complete accident report for and distribute to appropriate personnel.

9.1.5 Spill Response

All personnel must take every precaution to minimize the potential for spills during site operations. Any spill will be reported immediately to the SSO. The SSO will immediately report any spills to the NYSDEC Spill Hotline. The OER will be provided with the spill numbers assigned by the NYSDEC.

Spill control apparatus (sorberent materials) will be located on-site. All materials used for the clean up of spills will be containerized and labeled separately from other wastes. The SSO, in consultation with AKRF's Project Manager, will determine if additional spill response measures are required.

9.2 Hospital Directions

The location of the nearest hospital, as shown on Figure 1 Hospital Location Map, is **Montefiore Medical Center**. The address of the hospital is 176 East 210th Street Bronx, NY. Directions to the hospital are provided below.

Hospital Information and Directions

Hospital Name:	Montefiore Medical Center Wakefield
Phone Number:	(718) 920-9000
Address/Location:	600 East 233 rd Street Bronx, NY 10466
Directions to ER:	Go north on White Plains Road LEFT onto East 233 rd Street Turn RIGHT onto Carpenter Ave The emergency room entrance is on the RIGHT on Carpenter Avenue

9.3 CHASP Contact Information

- AKRF Project Director – Marcus Simons (646) 388-9527 (office)
- AKRF Project Manager – Neoma Chefalo (646) 388-9854 (office)
- Site Safety Officer (SSO) – Robert Andrews (917) 842-6781 (cell)
- Montefiore Medical Center..... (718) 920-9000
- Ambulance, Fire and Police Departments..... 911
- Local Poison Control (212) 764-7667
pm/weekend (212) 340-4494
- NYSDEC Spill Response Team..... (800) 457-7362

FIGURES

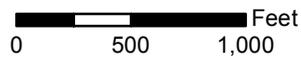


Montefiore Wakefield Medical Center

Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013

Legend

-  Route to Hospital
-  Project Site Boundary
-  Hospital Location



Montefiore Wakefield Medical Center
 600 East 233rd Street
 Bronx, NY 10466
 Phone: 718-920-9000

© 2014 AKRF, Inc. Environmental Consultants \\myfiles\gis\Projects\11795 - 3560-3572 White Plains Road\route to Hospital.mxd

**3560-3572 White Plains Road and
 700-713 East 212th Street
 Bronx, New York**



HOSPITAL LOCATION MAP

Environmental Consultants
 440 Park Avenue South, New York, N.Y. 10016

DATE
2/26/2014

PROJECT No.
11795

FIGURE
1

APPENDIX A
POTENTIAL HEALTH EFFECTS FROM ON-SITE CONTAMINANTS

This fact sheet answers the most frequently asked health questions (FAQs) about 1,1-dichloroethene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to 1,1-dichloroethene occurs mainly in the workplace. Breathing high levels of 1,1-dichloroethene can affect the liver, kidney, and central nervous system. This chemical has been found in at least 515 of 1,416 National Priorities List sites identified by the Environmental Protection Agency.

What is 1,1-dichloroethene?

(Pronounced 1,1-dī'klôr'ō ēth'ēn)

1,1-Dichloroethene is an industrial chemical that is not found naturally in the environment. It is a colorless liquid with a mild, sweet smell. It is also called vinylidene chloride.

1,1-Dichloroethene is used to make certain plastics, such as flexible films like food wrap, and in packaging materials. It is also used to make flame retardant coatings for fiber and carpet backings, and in piping, coating for steel pipes, and in adhesive applications.

What happens to 1,1-dichloroethene when it enters the environment?

- 1,1-Dichloroethene enters the environment from industries that make or use it.
- 1,1-Dichloroethene evaporates very quickly from water and soil to the air.
- In the air, it takes about 4 days for it to break down.
- 1,1-Dichloroethene breaks down very slowly in water.
- It does not accumulate very much in fish or birds.
- In soil, 1,1-dichloroethene is slowly transformed to other less harmful chemicals.

How might I be exposed to 1,1-dichloroethene?

- Workers may be exposed in industries that make or use 1,1-dichloroethene (these industries are mainly in Texas and Louisiana).
- Food that is wrapped in plastic wrap may contain very low levels of 1,1-dichloroethene. The government controls these levels to prevent harm to your health.
- A small percentage (3%) of the drinking water supplies may contain very low levels of 1,1-dichloroethene.
- Air near factories that make or use 1,1-dichloroethene and air near hazardous waste sites may contain low levels of it.

How can 1,1-dichloroethene affect my health?

The main effect from breathing high levels of 1,1-dichloroethene is on the central nervous system. Some people lost their breath and fainted after breathing high levels of the chemical.

Breathing lower levels of 1,1-dichloroethene in air for a long time may damage your nervous system, liver, and lungs. Workers exposed to 1,1-dichloroethene have reported a loss in liver function, but other chemicals were present.

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Animals that breathed high levels of 1,1-dichloroethene had damaged livers, kidneys, and lungs. The offspring of some of the animals had a higher number of birth defects. We do not know if birth defects occur when people are exposed to 1,1-dichloroethene.

Animals that ingested high levels of 1,1-dichloroethene had damaged livers, kidneys, and lungs. There were no birth defects in animals that ingested the chemical.

Spilling 1,1-dichloroethene on your skin or in your eyes can cause irritation.

How likely is 1,1-dichloroethene to cause cancer?

The Environmental Protection Agency (EPA) has determined that 1,1-dichloroethene is a possible human carcinogen.

Studies on workers who breathed 1,1-dichloroethene have not shown an increase in cancer. These studies, however, are not conclusive because of the small numbers of workers and the short time studied.

Animal studies have shown mixed results. Several studies reported an increase in tumors in rats and mice, and other studies reported no such effects.

Is there a medical test to show whether I've been exposed to 1,1-dichloroethene?

Tests are available to measure levels of 1,1-dichloroethene in breath, urine, and body tissues. These tests are not usually available in your doctor's office. However, a sample taken in your doctor's office can be sent to a special laboratory if necessary.

Because 1,1-dichloroethene leaves the body fairly quickly, these methods are useful only for finding exposures that have occurred within the last few days. These tests can't tell you if adverse health effects will occur from exposure to 1,1-dichloroethene.

Has the federal government made recommendations to protect human health?

The EPA has set a limit in drinking water of 0.007 parts of 1,1-dichloroethene per million parts of drinking water (0.007 ppm). EPA requires that discharges or spills into the environment of 5,000 pounds or more of 1,1-dichloroethene be reported.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 1 ppm of 1,1-dichloroethene in workplace air for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) currently recommends that workers breathe as little 1,1-dichloroethene as possible.

Glossary

Carcinogen: A substance that can cause cancer.

CAS: Chemical Abstracts Service.

Ingesting: Taking food or drink into your body.

ppm: Parts per million.

Tumor: An abnormal mass of tissue.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1994. Toxicological profile for 1,1-dichloroethene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html> ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about fuel oils. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Fuel oils are liquid mixtures produced from petroleum, and their use mostly involves burning them as fuels. Drinking or breathing fuel oils may cause nausea or nervous system effects. However, exposure under normal use conditions is not likely to be harmful. Fuel oils have been found in at least 26 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are fuel oils?

(Pronounced fyoo'el oilz)

Fuel oils are a variety of yellowish to light brown liquid mixtures that come from crude petroleum. Some chemicals found in fuel oils may evaporate easily, while others may more easily dissolve in water.

Fuel oils are produced by different petroleum refining processes, depending on their intended uses. Fuel oils may be used as fuel for engines, lamps, heaters, furnaces, and stoves, or as solvents.

Some commonly found fuel oils include kerosene, diesel fuel, jet fuel, range oil, and home heating oil. These fuel oils differ from one another by their hydrocarbon compositions, boiling point ranges, chemical additives, and uses.

What happens to fuel oils when they enter the environment?

- Some chemicals found in fuel oils may evaporate into the air from open containers or contaminated soil or water.
- Some chemicals found in fuel oils may dissolve in water after spills to surface waters or leaks from underground storage tanks.

- Some chemicals found in fuel oils may stick to particles in water, which will eventually cause them to settle to the bottom sediment.
- Some of the chemicals found in fuel oils may be broken down slowly in air, water, and soil by sunlight or small organisms.
- Some of the chemicals found in fuel oils may build up significantly in plants and animals.

How might I be exposed to fuel oils?

- Using a home kerosene heater or stove, or using fuel oils at work.
- Breathing air in home or building basements that has been contaminated with fuel oil vapors entering from the soil.
- Drinking or swimming in water that has been contaminated with fuel oils from a spill or a leaking underground storage tank.
- Touching soil contaminated with fuel oils.
- Using fuel oils to wash paint or grease from skin or equipment.

How can fuel oils affect my health?

Little information is available about the health effects that may be caused by fuel oils. People who use kerosene

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stoves for cooking do not seem to have any health problems related to their exposure.

Breathing some fuel oils for short periods may cause nausea, eye irritation, increased blood pressure, headache, lightheadedness, loss of appetite, poor coordination, and difficulty concentrating. Breathing diesel fuel vapors for long periods may cause kidney damage and lower your blood's ability to clot.

Drinking small amounts of kerosene may cause vomiting, diarrhea, coughing, stomach swelling and cramps, drowsiness, restlessness, painful breathing, irritability, and unconsciousness. Drinking large amounts of kerosene may cause convulsions, coma, or death. Skin contact with kerosene for short periods may cause itchy, red, sore, or peeling skin.

How likely are fuel oils to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that some fuel oils (heavy) may possibly cause cancer in humans, but for other fuel oils (light) there is not enough information to make a determination. IARC has also determined that occupational exposures to fuel oils during petroleum refining are probably carcinogenic in humans.

Some studies with mice have suggested that repeated contact with fuel oils may cause liver or skin cancer. However, other mouse studies have found this not to be the case. No studies are available in other animals or in people on the carcinogenic effects of fuel oils.

Is there a medical test to show whether I've been exposed to fuel oils?

There is no medical test that shows if you have been exposed to fuel oils. Tests are available to determine if some of

the chemicals commonly found in fuel oils are in your blood. However, the presence of these chemicals in blood may not necessarily mean that you have been exposed to fuel oils.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) and the Air Force Office of Safety and Health (AFOSH) have set a permissible exposure level (PEL) of 400 parts of petroleum distillates per million parts of air (400 ppm) for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that average workplace air levels not exceed 350 milligrams of petroleum distillates per cubic meter of air (350 mg/m³) for a 40-hour workweek.

The Department of Transportation (DOT) lists fuel oils as hazardous materials and, therefore, regulates their transportation.

Glossary

Carcinogenic: Able to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or a gas.

Hydrocarbon: Any compound made up of hydrogen and carbon.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for fuel oils. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html> ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl'i-si'klik ăr'a-măt'ik hi'drə-kar'bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.

- PAHs enter water through discharges from industrial and wastewater treatment plants.
- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smoke-houses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.

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- ❑ Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any

health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m^3 averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m^3 for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about methyl *tert*-butyl ether (MTBE). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Methyl *tert*-butyl ether (MTBE) is a flammable liquid which is used as an additive in unleaded gasoline. Drinking or breathing MTBE may cause nausea, nose and throat irritation, and nervous system effects. MTBE has been found in at least 11 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is methyl *tert*-butyl ether?

(Pronounced mēth'əl tūr'shē-ēr'ē byōōt'ēl ē'thər)

Methyl *tert*-butyl ether (MTBE) is a flammable liquid with a distinctive, disagreeable odor. It is made from blending chemicals such as isobutylene and methanol, and has been used since the 1980s as an additive for unleaded gasolines to achieve more efficient burning.

MTBE is also used to dissolve gallstones. Patients treated in this way have MTBE delivered directly to their gall bladders through special tubes that are surgically inserted.

What happens to MTBE when it enters the environment?

- MTBE quickly evaporates from open containers and surface water, so it is commonly found as a vapor in the air.
- Small amounts of MTBE may dissolve in water and get into underground water.
- It remains in underground water for a long time.

- MTBE may stick to particles in water, which will cause it to eventually settle to the bottom sediment.
- MTBE may be broken down quickly in the air by sunlight.
- MTBE does not build up significantly in plants and animals.

How might I be exposed to MTBE?

- Touching the skin or breathing contaminated air while pumping gasoline.
- Breathing exhaust fumes while driving a car.
- Breathing air near highways or in cities.
- Drinking, swimming, or showering in water that has been contaminated with MTBE.
- Receiving MTBE treatment for gallstones.

How can MTBE affect my health?

Breathing small amounts of MTBE for short periods may cause nose and throat irritation. Some people exposed to MTBE while pumping gasoline, driving their cars, or working

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in gas stations have reported having headaches, nausea, dizziness, and mental confusion. However, the actual levels of exposure in these cases are unknown. In addition, these symptoms may have been caused by exposure to other chemicals.

There are no data on the effects in people of drinking MTBE. Studies with rats and mice suggest that drinking MTBE may cause gastrointestinal irritation, liver and kidney damage, and nervous system effects.

How likely is MTBE to cause cancer?

There is no evidence that MTBE causes cancer in humans. One study with rats found that breathing high levels of MTBE for long periods may cause kidney cancer. Another study with mice found that breathing high levels of MTBE for long periods may cause liver cancer.

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified MTBE as to its carcinogenicity.

Is there a medical test to show whether I've been exposed to MTBE?

MTBE and its breakdown product, butyl alcohol, can be detected in your breath, blood, or urine for up to 1 or 2 days after exposure. These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment. There is no other test specific to determining MTBE exposure.

Has the federal government made recommendations to protect human health?

The EPA has issued guidelines recommending that, to protect children, drinking water levels of MTBE not exceed 4 milligrams per liter of water (4 mg/L) for an exposure of 1-10 days, and 3 mg/L for longer-term exposures.

The American Conference of Governmental Industrial Hygienists (ACGIH) has recommended an exposure limit of 40 parts of MTBE per million parts of air (40 ppm) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or gas.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for Methyl *tert*-Butyl Ether produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about mercury. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to mercury occurs from breathing contaminated air, ingesting contaminated water and food, and having dental and medical treatments. Mercury, at high levels, may damage the brain, kidneys, and developing fetus. This chemical has been found in at least 714 of 1,467 National Priorities List sites identified by the Environmental Protection Agency.

What is mercury?

(Pronounced mĕr'kyū-rĕ)

Mercury is a naturally occurring metal which has several forms. The metallic mercury is a shiny, silver-white, odorless liquid. If heated, it is a colorless, odorless gas.

Mercury combines with other elements, such as chlorine, sulfur, or oxygen, to form inorganic mercury compounds or "salts," which are usually white powders or crystals. Mercury also combines with carbon to make organic mercury compounds. The most common one, methylmercury, is produced mainly by microscopic organisms in the water and soil. More mercury in the environment can increase the amounts of methylmercury that these small organisms make.

Metallic mercury is used to produce chlorine gas and caustic soda, and is also used in thermometers, dental fillings, and batteries. Mercury salts are sometimes used in skin lightening creams and as antiseptic creams and ointments.

What happens to mercury when it enters the environment?

- Inorganic mercury (metallic mercury and inorganic mercury compounds) enters the air from mining ore deposits, burning coal and waste, and from manufacturing plants.
- It enters the water or soil from natural deposits, disposal of wastes, and volcanic activity.

- Methylmercury may be formed in water and soil by small organisms called bacteria.
- Methylmercury builds up in the tissues of fish. Larger and older fish tend to have the highest levels of mercury.

How might I be exposed to mercury?

- Eating fish or shellfish contaminated with methylmercury.
- Breathing vapors in air from spills, incinerators, and industries that burn mercury-containing fuels.
- Release of mercury from dental work and medical treatments.
- Breathing contaminated workplace air or skin contact during use in the workplace (dental, health services, chemical, and other industries that use mercury).
- Practicing rituals that include mercury.

How can mercury affect my health?

The nervous system is very sensitive to all forms of mercury. Methylmercury and metallic mercury vapors are more harmful than other forms, because more mercury in these forms reaches the brain. Exposure to high levels of metallic, inorganic, or organic mercury can permanently damage the brain, kidneys, and developing fetus. Effects on brain functioning may result in irritability, shyness, tremors, changes in vision or hearing, and memory problems.

Short-term exposure to high levels of metallic mercury vapors may cause effects including lung damage, nausea,

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vomiting, diarrhea, increases in blood pressure or heart rate, skin rashes, and eye irritation.

How likely is mercury to cause cancer?

There are inadequate human cancer data available for all forms of mercury. Mercuric chloride has caused increases in several types of tumors in rats and mice, and methylmercury has caused kidney tumors in male mice. The EPA has determined that mercuric chloride and methylmercury are possible human carcinogens.

How can mercury affect children?

Very young children are more sensitive to mercury than adults. Mercury in the mother's body passes to the fetus and may accumulate there. It can also can pass to a nursing infant through breast milk. However, the benefits of breast feeding may be greater than the possible adverse effects of mercury in breast milk.

Mercury's harmful effects that may be passed from the mother to the fetus include brain damage, mental retardation, incoordination, blindness, seizures, and inability to speak. Children poisoned by mercury may develop problems of their nervous and digestive systems, and kidney damage.

How can families reduce the risk of exposure to mercury?

Carefully handle and dispose of products that contain mercury, such as thermometers or fluorescent light bulbs. Do not vacuum up spilled mercury, because it will vaporize and increase exposure. If a large amount of mercury has been spilled, contact your health department. Teach children not to play with shiny, silver liquids.

Properly dispose of older medicines that contain mercury. Keep all mercury-containing medicines away from children.

Pregnant women and children should keep away from

rooms where liquid mercury has been used.

Learn about wildlife and fish advisories in your area from your public health or natural resources department.

Is there a medical test to show whether I've been exposed to mercury?

Tests are available to measure mercury levels in the body. Blood or urine samples are used to test for exposure to metallic mercury and to inorganic forms of mercury. Mercury in whole blood or in scalp hair is measured to determine exposure to methylmercury. Your doctor can take samples and send them to a testing laboratory.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 2 parts of mercury per billion parts of drinking water (2 ppb).

The Food and Drug Administration (FDA) has set a maximum permissible level of 1 part of methylmercury in a million parts of seafood (1 ppm).

The Occupational Safety and Health Administration (OSHA) has set limits of 0.1 milligram of organic mercury per cubic meter of workplace air (0.1 mg/m³) and 0.05 mg/m³ of metallic mercury vapor for 8-hour shifts and 40-hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for mercury. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about lead. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to lead can happen from breathing workplace air or dust, eating contaminated foods, or drinking contaminated water. Children can be exposed from eating lead-based paint chips or playing in contaminated soil. Lead can damage the nervous system, kidneys, and reproductive system. Lead has been found in at least 1,272 of the 1,684 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is lead?

Lead is a naturally occurring bluish-gray metal found in small amounts in the earth's crust. Lead can be found in all parts of our environment. Much of it comes from human activities including burning fossil fuels, mining, and manufacturing.

Lead has many different uses. It is used in the production of batteries, ammunition, metal products (solder and pipes), and devices to shield X-rays. Because of health concerns, lead from paints and ceramic products, caulking, and pipe solder has been dramatically reduced in recent years. The use of lead as an additive to gasoline was banned in 1996 in the United States.

What happens to lead when it enters the environment?

- ❑ Lead itself does not break down, but lead compounds are changed by sunlight, air, and water.
- ❑ When lead is released to the air, it may travel long distances before settling to the ground.
- ❑ Once lead falls onto soil, it usually sticks to soil particles.
- ❑ Movement of lead from soil into groundwater will depend on the type of lead compound and the characteristics of the soil.

How might I be exposed to lead?

- ❑ Eating food or drinking water that contains lead. Water pipes in some older homes may contain lead solder. Lead can leach out into the water.

- ❑ Spending time in areas where lead-based paints have been used and are deteriorating. Deteriorating lead paint can contribute to lead dust.
- ❑ Working in a job where lead is used or engaging in certain hobbies in which lead is used, such as making stained glass.
- ❑ Using health-care products or folk remedies that contain lead.

How can lead affect my health?

The effects of lead are the same whether it enters the body through breathing or swallowing. Lead can affect almost every organ and system in your body. The main target for lead toxicity is the nervous system, both in adults and children. Long-term exposure of adults can result in decreased performance in some tests that measure functions of the nervous system. It may also cause weakness in fingers, wrists, or ankles. Lead exposure also causes small increases in blood pressure, particularly in middle-aged and older people and can cause anemia. Exposure to high lead levels can severely damage the brain and kidneys in adults or children and ultimately cause death. In pregnant women, high levels of exposure to lead may cause miscarriage. High-level exposure in men can damage the organs responsible for sperm production.

How likely is lead to cause cancer?

We have no conclusive proof that lead causes cancer in humans. Kidney tumors have developed in rats and mice that had been given large doses of some kind of lead compounds. The Department of Health and Human Services

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(DHHS) has determined that lead and lead compounds are reasonably anticipated to be human carcinogens and the EPA has determined that lead is a probable human carcinogen. The International Agency for Research on Cancer (IARC) has determined that inorganic lead is probably carcinogenic to humans and that there is insufficient information to determine whether organic lead compounds will cause cancer in humans.

How can lead affect children?

Small children can be exposed by eating lead-based paint chips, chewing on objects painted with lead-based paint, or swallowing house dust or soil that contains lead. Children are more vulnerable to lead poisoning than adults. A child who swallows large amounts of lead may develop blood anemia, severe stomachache, muscle weakness, and brain damage. If a child swallows smaller amounts of lead, much less severe effects on blood and brain function may occur. Even at much lower levels of exposure, lead can affect a child's mental and physical growth.

Exposure to lead is more dangerous for young and unborn children. Unborn children can be exposed to lead through their mothers. Harmful effects include premature births, smaller babies, decreased mental ability in the infant, learning difficulties, and reduced growth in young children. These effects are more common if the mother or baby was exposed to high levels of lead. Some of these effects may persist beyond childhood.

How can families reduce the risks of exposure to lead?

- ❑ Avoid exposure to sources of lead.
- ❑ Do not allow children to chew on mouth surfaces that may have been painted with lead-based paint.
- ❑ If you have a water lead problem, run or flush water that has been standing overnight before drinking or cooking with it.
- ❑ Some types of paints and pigments that are used as make-up or hair coloring contain lead. Keep these kinds of products away from children.
- ❑ If your home contains lead-based paint or you live in an area contaminated with lead, wash children's hands and faces

often to remove lead dusts and soil, and regularly clean the house of dust and tracked in soil.

Is there a medical test to determine whether I've been exposed to lead?

A blood test is available to measure the amount of lead in your blood and to estimate the amount of your recent exposure to lead. Blood tests are commonly used to screen children for lead poisoning. Lead in teeth or bones can be measured by X-ray techniques, but these methods are not widely available. Exposure to lead also can be evaluated by measuring erythrocyte protoporphyrin (EP) in blood samples. EP is a part of red blood cells known to increase when the amount of lead in the blood is high. However, the EP level is not sensitive enough to identify children with elevated blood lead levels below about 25 micrograms per deciliter ($\mu\text{g}/\text{dL}$). These tests usually require special analytical equipment that is not available in a doctor's office. However, your doctor can draw blood samples and send them to appropriate laboratories for analysis.

Has the federal government made recommendations to protect human health?

The Centers for Disease Control and Prevention (CDC) recommends that states test children at ages 1 and 2 years. Children should be tested at ages 3–6 years if they have never been tested for lead, if they receive services from public assistance programs for the poor such as Medicaid or the Supplemental Food Program for Women, Infants, and Children, if they live in a building or frequently visit a house built before 1950; if they visit a home (house or apartment) built before 1978 that has been recently remodeled, and/or if they have a brother, sister, or playmate who has had lead poisoning. CDC considers a blood lead level of 10 $\mu\text{g}/\text{dL}$ to be a level of concern for children.

EPA limits lead in drinking water to 15 μg per liter.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2007. Toxicological Profile for lead (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Environmental Medicine, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-800-232-4636, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about DDT, DDE, and DDD. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to DDT, DDE, and DDD occurs mostly from eating foods containing small amounts of these compounds, particularly meat, fish and poultry. High levels of DDT can affect the nervous system causing excitability, tremors and seizures. In women, DDE can cause a reduction in the duration of lactation and an increased chance of having a premature baby. DDT, DDE, and DDD have been found in at least 441 of the 1,613 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are DDT, DDE, and DDD?

DDT (dichlorodiphenyltrichloroethane) is a pesticide once widely used to control insects in agriculture and insects that carry diseases such as malaria. DDT is a white, crystalline solid with no odor or taste. Its use in the U.S. was banned in 1972 because of damage to wildlife, but is still used in some countries.

DDE (dichlorodiphenyldichloroethylene) and DDD (dichlorodiphenyldichloroethane) are chemicals similar to DDT that contaminate commercial DDT preparations. DDE has no commercial use. DDD was also used to kill pests, but its use has also been banned. One form of DDD has been used medically to treat cancer of the adrenal gland.

What happens to DDT, DDE, and DDD when they enter the environment?

- ☐ DDT entered the environment when it was used as a pesticide; it still enters the environment due to current use in other countries.
- ☐ DDE enters the environment as contaminant or breakdown product of DDT; DDD also enters the environment as a breakdown product of DDT.
- ☐ DDT, DDE, and DDD in air are rapidly broken down by sunlight. Half of what's in air breaks down within 2 days.
- ☐ They stick strongly to soil; most DDT in soil is broken down slowly to DDE and DDD by microorganisms; half the DDT in soil will break down in 2-15 years, depending on the type of soil.

- ☐ Only a small amount will go through the soil into groundwater; they do not dissolve easily in water.
- ☐ DDT, and especially DDE, build up in plants and in fatty tissues of fish, birds, and other animals.

How might I be exposed to DDT, DDE, and DDD?

- ☐ Eating contaminated foods, such as root and leafy vegetables, fatty meat, fish, and poultry, but levels are very low.
- ☐ Eating contaminated imported foods from countries that still allow the use of DDT to control pests.
- ☐ Breathing contaminated air or drinking contaminated water near waste sites and landfills that may contain higher levels of these chemicals.
- ☐ Infants fed on breast milk from mothers who have been exposed.
- ☐ Breathing or swallowing soil particles near waste sites or landfills that contain these chemicals.

How can DDT, DDE, and DDD affect my health?

DDT affects the nervous system. People who accidentally swallowed large amounts of DDT became excitable and had tremors and seizures. These effects went away after the exposure stopped. No effects were seen in people who took small daily doses of DDT by capsule for 18 months. A study in humans showed that women who had high amounts of a form of DDE in their breast milk were unable to

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breast feed their babies for as long as women who had little DDE in the breast milk. Another study in humans showed that women who had high amounts of DDE in breast milk had an increased chance of having premature babies.

In animals, short-term exposure to large amounts of DDT in food affected the nervous system, while long-term exposure to smaller amounts affected the liver. Also in animals, short-term oral exposure to small amounts of DDT or its breakdown products may also have harmful effects on reproduction.

How likely are DDT, DDE, and DDD to cause cancer?

Studies in DDT-exposed workers did not show increases in cancer. Studies in animals given DDT with the food have shown that DDT can cause liver cancer.

The Department of Health and Human Services (DHHS) determined that DDT may reasonably be anticipated to be a human carcinogen. The International Agency for Research on Cancer (IARC) determined that DDT may possibly cause cancer in humans. The EPA determined that DDT, DDE, and DDD are probable human carcinogens.

How can DDT, DDE, and DDD affect children?

There are no studies on the health effects of children exposed to DDT, DDE, or DDD. We can assume that children exposed to large amounts of DDT will have health effects similar to the effects seen in adults. However, we do not know whether children differ from adults in their susceptibility to these substances.

There is no evidence that DDT, DDE, or DDD cause birth defects in people. A study showed that teenage boys whose mothers had higher DDE amounts in the blood when they were pregnant were taller than those whose mothers had lower DDE levels. However, a different study found the opposite in preteen girls. The reason for the discrepancy between these studies is unknown.

Studies in rats have shown that DDT and DDE can mimic the action of natural hormones and in this way affect the development of the reproductive and nervous systems. Puberty was delayed in male rats given high amounts of DDE as juveniles. This could possibly happen in humans.

A study in mice showed that exposure to DDT during the first weeks of life may cause neurobehavioral problems later in life.

How can families reduce the risk of exposure to DDT, DDE, and DDD?

- Most families will be exposed to DDT by eating food or drinking liquids contaminated with small amounts of DDT.
- Cooking will reduce the amount of DDT in fish.
- Washing fruit and vegetables will remove most DDT from their surface.
- Follow health advisories that tell you about consumption of fish and wildlife caught in contaminated areas.

Is there a medical test to show whether I've been exposed to DDT, DDE, and DDD?

Laboratory tests can detect DDT, DDE, and DDD in fat, blood, urine, semen, and breast milk. These tests may show low, moderate, or excessive exposure to these compounds, but cannot tell the exact amount you were exposed to, or whether you will experience adverse effects. These tests are not routinely available at the doctor's office because they require special equipment.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) sets a limit of 1 milligram of DDT per cubic meter of air (1 mg/m³) in the workplace for an 8-hour shift, 40-hour workweek.

The Food and Drug Administration (FDA) has set limits for DDT, DDE, and DDD in foodstuff at or above which the agency will take legal action to remove the products from the market.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2002. Toxicological Profile for DDT/DDE/DDD (Update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about copper. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Copper is a reddish metal that occurs naturally in the environment. It also occurs naturally in plants and animals. Low levels of copper are essential for maintaining good health. High levels can cause harmful effects such as irritation of the nose, mouth and eyes, vomiting, diarrhea, stomach cramps, and nausea. Copper has been found in at least 884 of the 1,613 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is copper?

Copper is a reddish metal that occurs naturally in rocks, soil, water, and air. Copper also occurs naturally in plants and animals.

Metallic copper can be easily molded or shaped. Metallic copper can be found in the U.S. penny, electrical wiring, and some water pipes. Metallic copper is also found in mixtures (called alloys) with other metals such as brass and bronze. Copper is also found as part of other compounds forming salts. Copper salts occur naturally, but are also manufactured. The most common copper salt is copper sulfate. Most copper compounds are blue-green in color. Copper compounds are commonly used in agriculture to treat plant diseases like mildew, for water treatment and, as preservatives for wood, leather, and fabrics.

What happens to copper when it enters the environment?

- Copper can enter the environment from the mining of copper and other metals and from factories that make or use metallic copper or copper compounds.
- It can also enter the environment through domestic waste water, combustion of fossil fuels and wastes, wood production, phosphate fertilizer production, and natural sources (e.g., windblown dust from soils, volcanoes, decaying vegetation, forest fires, and sea spray).
- Copper in soil strongly attaches to organic material and minerals.

- Copper that dissolves in water becomes rapidly bound to particles suspended in the water.
- Copper does not typically enter groundwater.
- Copper carried by particles emitted from smelters and ore processing plants is carried back to the ground by gravity or in rain or snow.
- Copper does not break down in the environment.

How might I be exposed to copper?

- Breathing air, drinking water, eating food, and by skin contact with soil, water, or other copper-containing substances.
- Some copper in the environment can be taken up by plants and animals.
- Higher exposure may occur if your water is corrosive and you have copper plumbing and brass water fixtures. You may be exposed to higher amounts of copper if you drink water or swim in lakes or reservoirs recently treated with copper to control algae or receive cooling water from a power plant that may have high amounts of dissolved copper.
- Using some garden products (e.g., fungicides) to control plant diseases.
- Living near bronze and brass production facilities may expose you to higher copper levels in soil.
- You may breathe copper-containing dust or have skin contact if you work in the industry of mining copper or

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processing the ore. You may breathe high levels if you grind or weld copper metal.

How can copper affect my health?

Copper is essential for good health, but high amounts can be harmful. Long-term exposure to copper dust can irritate your nose, mouth, and eyes, and cause headaches, dizziness, nausea, and diarrhea.

Drinking water with higher than normal levels of copper may cause vomiting, diarrhea, stomach cramps, and nausea. Intentionally high intakes of copper can cause liver and kidney damage and even death.

How likely is copper to cause cancer?

We do not know whether copper can cause cancer in humans. The EPA has determined that copper is not classifiable as to carcinogenicity.

How can copper affect children?

Exposure to high levels of copper will result in the same type of effects in children and adults. Studies in animals suggest that the young children may have more severe effects than adults; we do not know if this would also be true in humans. There is a very small percentage of infants and children who are unusually sensitive to copper.

We do not know if copper can cause birth defects or other developmental effects in humans. Studies in animals suggest that ingestion of high levels of copper may cause a decrease in fetal growth.

How can families reduce the risk of exposure to copper?

- The greatest potential source of copper exposure is through drinking water, especially in water that is first drawn in the morning after sitting in copper pipes and brass faucets overnight.
- To reduce exposure, run the water for at least 15-30 seconds before using it.
- If you are exposed to copper at work, you may carry

copper home on your skin, clothes, or tools. You can avoid this by showering, and changing clothing before leaving work, and your work clothes should be kept separate from other clothes and laundered separately.

Is there a medical test to show whether I've been exposed to copper?

Copper is normally found in all tissues of the body, blood, urine, feces, hair, and nails. High levels of copper in these samples can show that you have been exposed to higher than normal levels of copper. Tests to measure copper levels in the body are not routinely available at the doctor's office because they require special equipment. These tests cannot tell the extent of exposure or whether you will experience harmful effects.

Has the federal government made recommendations to protect human health?

The EPA has determined that drinking water should not contain more than 1.3 milligrams of copper per liter of water (1.3 mg/L).

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.1 mg per cubic meter (0.1 mg/m³) of copper fumes (vapor generated from heating copper) and 1 mg/m³ of copper dusts (fine metallic copper particles) and mists (aerosol of soluble copper) in workroom air during an 8-hour work shift, 40-hour workweek.

The Food and Nutrition Board of the Institute of Medicine recommends dietary allowances (RDAs) of 340 micrograms (340 µg) of copper per day for children aged 1-3 years, 440 µg/day for children aged 4-8 years, 700 µg/day for children aged 9-13 years, 890 µg/day for children aged 14-18 years, and 900 µg/day for adults.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2002. Toxicological Profile for Copper (Draft for Public Comment). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about arsenic. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to higher than average levels of arsenic occurs mostly in the workplace, near hazardous waste sites, or in areas with high natural levels. At high levels, inorganic arsenic can cause death. Exposure to lower levels for a long time can cause a discoloration of the skin and the appearance of small corns or warts. Arsenic has been found at 1,014 of the 1,598 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is arsenic?

Arsenic is a naturally occurring element widely distributed in the earth's crust. In the environment, arsenic is combined with oxygen, chlorine, and sulfur to form inorganic arsenic compounds. Arsenic in animals and plants combines with carbon and hydrogen to form organic arsenic compounds.

Inorganic arsenic compounds are mainly used to preserve wood. Organic arsenic compounds are used as pesticides, primarily on cotton plants.

What happens to arsenic when it enters the environment?

- Arsenic cannot be destroyed in the environment. It can only change its form.
- Arsenic in air will settle to the ground or is washed out of the air by rain.
- Many arsenic compounds can dissolve in water.
- Fish and shellfish can accumulate arsenic, but the arsenic in fish is mostly in a form that is not harmful.

How might I be exposed to arsenic?

- Eating food, drinking water, or breathing air containing arsenic.
- Breathing contaminated workplace air.
- Breathing sawdust or burning smoke from wood treated with arsenic.
- Living near uncontrolled hazardous waste sites containing arsenic.
- Living in areas with unusually high natural levels of arsenic in rock.

How can arsenic affect my health?

Breathing high levels of inorganic arsenic can give you a sore throat or irritated lungs. Ingesting high levels of inorganic arsenic can result in death. Lower levels of arsenic can cause nausea and vomiting, decreased production of red and white blood cells, abnormal heart rhythm, damage to blood vessels, and a sensation of "pins and needles" in hands and feet.

Ingesting or breathing low levels of inorganic arsenic for a long time can cause a darkening of the skin and the

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appearance of small "corns" or "warts" on the palms, soles, and torso.

Skin contact with inorganic arsenic may cause redness and swelling.

Organic arsenic compounds are less toxic than inorganic arsenic compounds. Exposure to high levels of some organic arsenic compounds may cause similar effects as inorganic arsenic.

How likely is arsenic to cause cancer?

Several studies have shown that inorganic arsenic can increase the risk of lung cancer, skin cancer, bladder cancer, liver cancer, kidney cancer, and prostate cancer. The World Health Organization (WHO), the Department of Health and Human Services (DHHS), and the EPA have determined that inorganic arsenic is a human carcinogen.

How can arsenic affect children?

We do not know if exposure to arsenic will result in birth defects or other developmental effects in people. Birth defects have been observed in animals exposed to inorganic arsenic.

It is likely that health effects seen in children exposed to high amounts of arsenic will be similar to the effects seen in adults.

How can families reduce the risk of exposure to arsenic?

- If you use arsenic-treated wood in home projects, you should wear dust masks, gloves, and protective clothing to decrease exposure to sawdust.
- If you live in an area with high levels of arsenic in water or soil, you should use cleaner sources of water and limit contact with soil.

Is there a medical test to show whether I've been exposed to arsenic?

There are tests to measure the level of arsenic in blood, urine, hair, or fingernails. The urine test is the most reliable test for arsenic exposure within the last few days. Tests on hair and fingernails can measure exposure to high levels of arsenic over the past 6-12 months. These tests can determine if you have been exposed to above-average levels of arsenic. They cannot predict how the arsenic levels in your body will affect your health.

Has the federal government made recommendations to protect human health?

EPA has set limits on the amount of arsenic that industrial sources can release to the environment and has restricted or canceled many uses of arsenic in pesticides. EPA has set a limit of 0.01 parts per million (ppm) for arsenic in drinking water.

The Occupational Safety and Health Administration has set limits of 10 µg arsenic per cubic meter of workplace air (10 µg/m³) for 8 hour shifts and 40 hour work weeks.

Source of Information

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Arsenic. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs™ Internet address is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about 1,1-dichloroethene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to 1,1-dichloroethene occurs mainly in the workplace. Breathing high levels of 1,1-dichloroethene can affect the liver, kidney, and central nervous system. This chemical has been found in at least 515 of 1,416 National Priorities List sites identified by the Environmental Protection Agency.

What is 1,1-dichloroethene?

(Pronounced 1,1-dī'klôr'ō ēth'ēn)

1,1-Dichloroethene is an industrial chemical that is not found naturally in the environment. It is a colorless liquid with a mild, sweet smell. It is also called vinylidene chloride.

1,1-Dichloroethene is used to make certain plastics, such as flexible films like food wrap, and in packaging materials. It is also used to make flame retardant coatings for fiber and carpet backings, and in piping, coating for steel pipes, and in adhesive applications.

What happens to 1,1-dichloroethene when it enters the environment?

- 1,1-Dichloroethene enters the environment from industries that make or use it.
- 1,1-Dichloroethene evaporates very quickly from water and soil to the air.
- In the air, it takes about 4 days for it to break down.
- 1,1-Dichloroethene breaks down very slowly in water.
- It does not accumulate very much in fish or birds.
- In soil, 1,1-dichloroethene is slowly transformed to other less harmful chemicals.

How might I be exposed to 1,1-dichloroethene?

- Workers may be exposed in industries that make or use 1,1-dichloroethene (these industries are mainly in Texas and Louisiana).
- Food that is wrapped in plastic wrap may contain very low levels of 1,1-dichloroethene. The government controls these levels to prevent harm to your health.
- A small percentage (3%) of the drinking water supplies may contain very low levels of 1,1-dichloroethene.
- Air near factories that make or use 1,1-dichloroethene and air near hazardous waste sites may contain low levels of it.

How can 1,1-dichloroethene affect my health?

The main effect from breathing high levels of 1,1-dichloroethene is on the central nervous system. Some people lost their breath and fainted after breathing high levels of the chemical.

Breathing lower levels of 1,1-dichloroethene in air for a long time may damage your nervous system, liver, and lungs. Workers exposed to 1,1-dichloroethene have reported a loss in liver function, but other chemicals were present.

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Animals that breathed high levels of 1,1-dichloroethene had damaged livers, kidneys, and lungs. The offspring of some of the animals had a higher number of birth defects. We do not know if birth defects occur when people are exposed to 1,1-dichloroethene.

Animals that ingested high levels of 1,1-dichloroethene had damaged livers, kidneys, and lungs. There were no birth defects in animals that ingested the chemical.

Spilling 1,1-dichloroethene on your skin or in your eyes can cause irritation.

How likely is 1,1-dichloroethene to cause cancer?

The Environmental Protection Agency (EPA) has determined that 1,1-dichloroethene is a possible human carcinogen.

Studies on workers who breathed 1,1-dichloroethene have not shown an increase in cancer. These studies, however, are not conclusive because of the small numbers of workers and the short time studied.

Animal studies have shown mixed results. Several studies reported an increase in tumors in rats and mice, and other studies reported no such effects.

Is there a medical test to show whether I've been exposed to 1,1-dichloroethene?

Tests are available to measure levels of 1,1-dichloroethene in breath, urine, and body tissues. These tests are not usually available in your doctor's office. However, a sample taken in your doctor's office can be sent to a special laboratory if necessary.

Because 1,1-dichloroethene leaves the body fairly quickly, these methods are useful only for finding exposures that have occurred within the last few days. These tests can't tell you if adverse health effects will occur from exposure to 1,1-dichloroethene.

Has the federal government made recommendations to protect human health?

The EPA has set a limit in drinking water of 0.007 parts of 1,1-dichloroethene per million parts of drinking water (0.007 ppm). EPA requires that discharges or spills into the environment of 5,000 pounds or more of 1,1-dichloroethene be reported.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 1 ppm of 1,1-dichloroethene in workplace air for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) currently recommends that workers breathe as little 1,1-dichloroethene as possible.

Glossary

Carcinogen: A substance that can cause cancer.

CAS: Chemical Abstracts Service.

Ingesting: Taking food or drink into your body.

ppm: Parts per million.

Tumor: An abnormal mass of tissue.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1994. Toxicological profile for 1,1-dichloroethene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html> ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about tetrachloroethylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Tetrachloroethylene is a manufactured chemical used for dry cleaning and metal degreasing. Exposure to very high concentrations of tetrachloroethylene can cause dizziness, headaches, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death. Tetrachloroethylene has been found in at least 771 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is tetrachloroethylene?

(Pronounced tět'rə-klôr' 0-ěth'ə-lēn')

Tetrachloroethylene is a manufactured chemical that is widely used for dry cleaning of fabrics and for metal-degreasing. It is also used to make other chemicals and is used in some consumer products.

Other names for tetrachloroethylene include perchloroethylene, PCE, and tetrachloroethene. It is a nonflammable liquid at room temperature. It evaporates easily into the air and has a sharp, sweet odor. Most people can smell tetrachloroethylene when it is present in the air at a level of 1 part tetrachloroethylene per million parts of air (1 ppm) or more, although some can smell it at even lower levels.

What happens to tetrachloroethylene when it enters the environment?

- Much of the tetrachloroethylene that gets into water or soil evaporates into the air.
- Microorganisms can break down some of the tetrachloroethylene in soil or underground water.
- In the air, it is broken down by sunlight into other chemicals or brought back to the soil and water by rain.
- It does not appear to collect in fish or other animals that live in water.

How might I be exposed to tetrachloroethylene?

- When you bring clothes from the dry cleaners, they will release small amounts of tetrachloroethylene into the air.
- When you drink water containing tetrachloroethylene, you are exposed to it.

How can tetrachloroethylene affect my health?

High concentrations of tetrachloroethylene (particularly in closed, poorly ventilated areas) can cause dizziness, headache, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death.

Irritation may result from repeated or extended skin contact with it. These symptoms occur almost entirely in work (or hobby) environments when people have been accidentally exposed to high concentrations or have intentionally used tetrachloroethylene to get a "high."

In industry, most workers are exposed to levels lower than those causing obvious nervous system effects. The health effects of breathing in air or drinking water with low levels of tetrachloroethylene are not known.

Results from some studies suggest that women who work in dry cleaning industries where exposures to tetrachloroethyl-

ToxFAQs Internet home page via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>

ene can be quite high may have more menstrual problems and spontaneous abortions than women who are not exposed. However, it is not known if tetrachloroethylene was responsible for these problems because other possible causes were not considered.

Results of animal studies, conducted with amounts much higher than those that most people are exposed to, show that tetrachloroethylene can cause liver and kidney damage. Exposure to very high levels of tetrachloroethylene can be toxic to the unborn pups of pregnant rats and mice. Changes in behavior were observed in the offspring of rats that breathed high levels of the chemical while they were pregnant.

How likely is tetrachloroethylene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that tetrachloroethylene may reasonably be anticipated to be a carcinogen. Tetrachloroethylene has been shown to cause liver tumors in mice and kidney tumors in male rats.

Is there a medical test to show whether I've been exposed to tetrachloroethylene?

One way of testing for tetrachloroethylene exposure is to measure the amount of the chemical in the breath, much the same way breath-alcohol measurements are used to determine the amount of alcohol in the blood.

Because it is stored in the body's fat and slowly released into the bloodstream, tetrachloroethylene can be detected in the breath for weeks following a heavy exposure.

Tetrachloroethylene and trichloroacetic acid (TCA), a breakdown product of tetrachloroethylene, can be detected in the blood. These tests are relatively simple to perform. These tests aren't available at most doctors' offices, but can be per-

formed at special laboratories that have the right equipment.

Because exposure to other chemicals can produce the same breakdown products in the urine and blood, the tests for breakdown products cannot determine if you have been exposed to tetrachloroethylene or the other chemicals.

Has the federal government made recommendations to protect human health?

The EPA maximum contaminant level for the amount of tetrachloroethylene that can be in drinking water is 0.005 milligrams tetrachloroethylene per liter of water (0.005 mg/L).

The Occupational Safety and Health Administration (OSHA) has set a limit of 100 ppm for an 8-hour workday over a 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that tetrachloroethylene be handled as a potential carcinogen and recommends that levels in workplace air should be as low as possible.

Glossary

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Milligram (mg): One thousandth of a gram.

Nonflammable: Will not burn.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Tetrachloroethylene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html> ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about trichloroethylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Trichloroethylene is a colorless liquid which is used as a solvent for cleaning metal parts. Drinking or breathing high levels of trichloroethylene may cause nervous system effects, liver and lung damage, abnormal heartbeat, coma, and possibly death. Trichloroethylene has been found in at least 852 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is trichloroethylene?

Trichloroethylene (TCE) is a nonflammable, colorless liquid with a somewhat sweet odor and a sweet, burning taste. It is used mainly as a solvent to remove grease from metal parts, but it is also an ingredient in adhesives, paint removers, typewriter correction fluids, and spot removers.

Trichloroethylene is not thought to occur naturally in the environment. However, it has been found in underground water sources and many surface waters as a result of the manufacture, use, and disposal of the chemical.

What happens to trichloroethylene when it enters the environment?

- ❑ Trichloroethylene dissolves a little in water, but it can remain in ground water for a long time.
- ❑ Trichloroethylene quickly evaporates from surface water, so it is commonly found as a vapor in the air.
- ❑ Trichloroethylene evaporates less easily from the soil than from surface water. It may stick to particles and remain for a long time.
- ❑ Trichloroethylene may stick to particles in water, which will cause it to eventually settle to the bottom sediment.
- ❑ Trichloroethylene does not build up significantly in

plants and animals.

How might I be exposed to trichloroethylene?

- ❑ Breathing air in and around the home which has been contaminated with trichloroethylene vapors from shower water or household products such as spot removers and typewriter correction fluid.
- ❑ Drinking, swimming, or showering in water that has been contaminated with trichloroethylene.
- ❑ Contact with soil contaminated with trichloroethylene, such as near a hazardous waste site.
- ❑ Contact with the skin or breathing contaminated air while manufacturing trichloroethylene or using it at work to wash paint or grease from skin or equipment.

How can trichloroethylene affect my health?

Breathing small amounts may cause headaches, lung irritation, dizziness, poor coordination, and difficulty concentrating.

Breathing large amounts of trichloroethylene may cause impaired heart function, unconsciousness, and death. Breathing it for long periods may cause nerve, kidney, and liver damage.

ToxFAQs™ Internet address is <http://www.atsdr.cdc.gov/toxfaq.html>

Drinking large amounts of trichloroethylene may cause nausea, liver damage, unconsciousness, impaired heart function, or death.

Drinking small amounts of trichloroethylene for long periods may cause liver and kidney damage, impaired immune system function, and impaired fetal development in pregnant women, although the extent of some of these effects is not yet clear.

Skin contact with trichloroethylene for short periods may cause skin rashes.

How likely is trichloroethylene to cause cancer?

Some studies with mice and rats have suggested that high levels of trichloroethylene may cause liver, kidney, or lung cancer. Some studies of people exposed over long periods to high levels of trichloroethylene in drinking water or in workplace air have found evidence of increased cancer. Although, there are some concerns about the studies of people who were exposed to trichloroethylene, some of the effects found in people were similar to effects in animals.

In its 9th Report on Carcinogens, the National Toxicology Program (NTP) determined that trichloroethylene is “reasonably anticipated to be a human carcinogen.” The International Agency for Research on Cancer (IARC) has determined that trichloroethylene is “probably carcinogenic to humans.”

Is there a medical test to show whether I've been exposed to trichloroethylene?

If you have recently been exposed to trichloroethylene, it can be detected in your breath, blood, or urine. The breath test, if it is performed soon after exposure, can tell if you have been exposed to even a small amount of trichloroethylene.

Exposure to larger amounts is assessed by blood

and urine tests, which can detect trichloroethylene and many of its breakdown products for up to a week after exposure. However, exposure to other similar chemicals can produce the same breakdown products, so their detection is not absolute proof of exposure to trichloroethylene. This test isn't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level for trichloroethylene in drinking water at 0.005 milligrams per liter (0.005 mg/L) or 5 parts of TCE per billion parts water.

The EPA has also developed regulations for the handling and disposal of trichloroethylene.

The Occupational Safety and Health Administration (OSHA) has set an exposure limit of 100 parts of trichloroethylene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: The ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or gas.

Milligram (mg): One thousandth of a gram.

Nonflammable: Will not burn.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

Solvent: A chemical that dissolves other substances.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Trichloroethylene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs™ Internet address is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

APPENDIX C
REPORT FORMS

WEEKLY SAFETY REPORT FORM

Week Ending: _____ Project Name/Number: _____

Report Date: _____ Project Manager Name: _____

Summary of any violations of procedures occurring that week:

Summary of any job related injuries, illnesses, or near misses that week:

Summary of air monitoring data that week (include and sample analyses, action levels exceeded, and actions taken):

Comments:

Name: _____ Company: _____

Signature: _____ Title: _____

INJURED - ILL:

Name: _____ SSN: _____

Address: _____ Age: _____

Length of Service: _____ Time on Present Job: _____

Time/Classification: _____

SEVERITY OF INJURY OR ILLNESS:

___ Disabling ___ Non-disabling ___ Fatality

___ Medical Treatment ___ First Aid Only

ESTIMATED NUMBER OF DAYS AWAY FROM JOB: _____

NATURE OF INJURY OR ILLNESS: _____

CLASSIFICATION OF INJURY:

- | | | |
|--------------------|-----------------------|----------------------------|
| ___ Abrasions | _____ Dislocations | _____ Punctures |
| ___ Bites | _____ Faint/Dizziness | _____ Radiation Burns |
| ___ Blisters | _____ Fractures | _____ Respiratory Allergy |
| ___ Bruises | _____ Frostbite | _____ Sprains |
| ___ Chemical Burns | _____ Heat Burns | _____ Toxic Resp. Exposure |
| ___ Cold Exposure | _____ Heat Exhaustion | _____ Toxic Ingestion |
| ___ Concussion | _____ Heat Stroke | _____ Dermal Allergy |
| ___ Lacerations | | |

Part of Body Affected: _____

Degree of Disability: _____

Date Medical Care was Received: _____

Where Medical Care was Received: _____

Address (if off-site): _____

(If two or more injuries, record on separate sheets)

PROPERTY DAMAGE:

Description of Damage: _____

Cost of Damage: \$ _____

ACCIDENT/INCIDENT LOCATION: _____

ACCIDENT/INCIDENT ANALYSIS: Causative agent most directly related to accident/incident
(Object, substance, material, machinery, equipment, conditions)

Was weather a factor?: _____

Unsafe mechanical/physical/environmental condition at time of accident/incident (Be specific):

Personal factors (Attitude, knowledge or skill, reaction time, fatigue):

ON-SITE ACCIDENTS/INCIDENTS:

Level of personal protection equipment required in Site Safety Plan:

Modifications:

Was injured using required equipment?:

If not, how did actual equipment use differ from plan?:

ACTION TAKEN TO PREVENT RECURRENCE: (Be specific. What has or will be done? When will it be done? Who is the responsible party to insure that the correction is made?)

ACCIDENT/INCIDENT REPORT REVIEWED BY:

SSO Name Printed

SSO Signature

OTHERS PARTICIPATING IN INVESTIGATION:

Signature

Title

Signature

Title

Signature

Title

ACCIDENT/INCIDENT FOLLOW-UP: Date: _____

Outcome of accident/incident: _____

Physician's recommendations: _____

Date injured returned to work: _____
Follow-up performed by: _____

Signature

Title

ATTACH ANY ADDITIONAL INFORMATION TO THIS FORM

APPENDIX D
EMERGENCY HAND SIGNALS

EMERGENCY SIGNALS

In most cases, field personnel will carry portable radios for communication. If this is the case, a transmission that indicates an emergency will take priority over all other transmissions. All other site radios will yield the frequency to the emergency transmissions.

Where radio communications is not available, the following air-horn and/or hand signals will be used:

EMERGENCY HAND SIGNALS

OUT OF AIR, CAN'T BREATHE!



Hand gripping throat

**LEAVE AREA IMMEDIATELY,
NO DEBATE!**

(No Picture) Grip partner's wrist or place both hands around waist

NEED ASSISTANCE!



Hands on top of head

OKAY! – I'M ALL RIGHT!

- I UNDERSTAND!



Thumbs up

NO! - NEGATIVE!



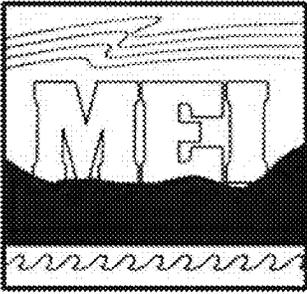
Thumbs down

Appendix 5

PROPOSED REDEVELOPMENT PLANS

Appendix 6

PREVIOUS ENVIRONMENTAL INVESTIGATIONS AND REPORTS (CD)



Middleton Environmental Inc.

Environmental Consultants and Engineers

50 Park Avenue, Babylon, NY 11702
(631) 321-4300 • Fax (631) 321-4349
middletonenvironmental.com

Transaction Screen Process Report

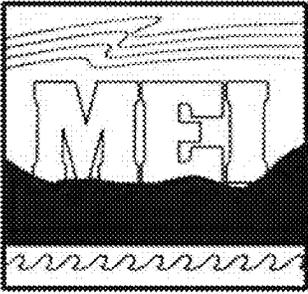
MEI Project Number 12-543



Property located at 3560-3570 White Plains Road in Bronx, New York

June 6, 2012

Prepared for Astoria Federal Savings Bank (Loan #876600496)



Middleton Environmental Inc.

Environmental Consultants and Engineers

50 Park Avenue, Babylon, NY 11702
(631) 321-4300 • Fax (631) 321-4349
middletonenvironmental.com

June 6, 2012

Mr. Joseph Bellucci
Astoria Federal Savings Bank
1 Jericho Plaza
Jericho, NY 11753

RE: Property located at 3560-3570 White Plains Road in Bronx, New York 10467.

Dear Mr. Bellucci,

On May 16, 2012, a physical site inspection was conducted on the above referenced property. This physical site inspection was conducted as part of a Transaction Screen Process Report (ASTM 1528-06). The Subject Property is 0.13 of an acre in size and there is one (1) commercial/office building on the Subject Property. This 12,900 square foot building has two (2) floors and a basement. The building contains nine (9) first floor commercial units (Da Next Level Studio, family worship center, H&D Gifts, Hot N Ready Pizza, Hair Braiding, barber, market, nail salon, and beauty supply), and six (6) professional offices on the second floor. The basement of the building contains meter and storage rooms.

The first area examined was the basement of the building. The basement of the building had concrete floors, concrete and stone walls and a wood ceiling. None of the overhead pipes in the basement were insulated by friable Asbestos Containing Material (ACM). There were no signs of ACM fireproofing noticed inside the building. There were no floor drains, 55 gallon drums or any aboveground electrical transformers noticed in the basement of the building. There were no signs of mold/microbial matter or signs of water intrusion noticed in the basement of the building. The building is heated by a natural gas fired heating system and there were no aboveground storage tanks noticed in the basement of the building.

The next areas examined were the accessible commercial units and corridor areas of the building. None of the office spaces or the family worship center were accessible during our inspection, with the commercial units having vinyl tile floors, sheetrock walls, and drop ceilings. The corridors had wood floors, with plaster walls and ceilings. There were no floor drains, 55 gallon drums, aboveground storage tanks, aboveground electrical transformers or any signs of ACM noticed inside the corridors of the building. There were no signs of severe peeling or flaking paint noticed in the accessible areas of the building. A review of the New York City Department of Housing Preservation and Development's (NYCHPD), Code Enforcement Database did not indicate the presence of any outstanding lead based paint violations regarding the Subject Property. There were no signs of mold/microbial matter or signs of water intrusion noticed inside the accessible areas of the building.

The last area examined was the outside grounds. There were no oil fill ports or fuel vents for any underground storage tanks noticed on the Subject Property. A review of the NYSDEC Petroleum Bulk Storage Tank database did not indicate the presence of any registered underground or aboveground storage tanks at the Subject Property. A review of the NYCFD storage tanks files indicated that there were no "active" tank accounts for any underground or aboveground storage tanks on the Subject Property. A review of available Sanborn Fire Insurance Maps did not indicate the presence of any buried tanks on the Subject Property. There were no outside 55 gallon drum storage areas, outside aboveground storage tanks or any outside aboveground electrical transformers noticed on the Subject Property. There were no signs of stressed vegetation or soil contamination noticed on the Subject Property. An abandoned fill port was observed in the sidewalk in front of the building. There were no signs of any tanks in the basement of the building associated with this fill port it is likely that this port lead to an aboveground tank that was removed from the basement several years ago (and not an underground tank).

The USEPA National Priorities List (NPL), database did not indicate the presence of any USEPA confirmed hazardous waste facilities within a mile radius of the site. There were no USEPA CERCLIS database sites within a half mile radius of the Subject Property. There were no CERCLIS No Further Remedial Action Planned (NFRAP), sites within a half mile radius of the Subject Property. There were no USEPA RCRA Corrective Action (CORRACTS) site within a mile radius of the Subject Property. There were no USEPA RCRA Transportation, Storage or Disposal (TSD), sites within a half mile radius of the Subject Property. The Subject Property was not identified as a Federal RCRA Hazardous Waste Generator.

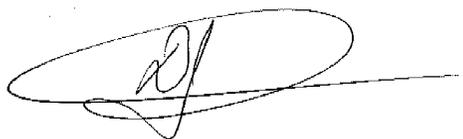
There were no STATE National Priorities List (NPL), sites within a mile radius of the Subject Property. There were no STATE CERCLIS EQUIVILENT sites within a half mile radius of the Subject Property. A review of the New York State Department of Environmental Conservation (NYSDEC), Leaking Underground Storage Tank (LUST), Database indicated the presence of forty (40) LUST sites within a half mile radius of the Subject Property. None of these LUST sites would have an apparent adverse impact on the Subject Property due to the distance to the Subject Property, direction of groundwater flow, and/or current case status. The Subject Property is not listed as a State and Tribal Spills site. There were no State and Tribal landfill and solid waste disposal sites listed within 0.5 mile of the Subject Property. There were no STATE Voluntary Cleanup (VCS), sites within a half mile radius of the Subject Property. There were no STATE Brownfield sites within a half mile of the Subject Property. A review of the New York City Building Department property profile overview indicated that the Subject Property has an E restriction of Hazmat/Noise/Air. It is recommended that the property owner submit all documentation associated with this designation to the New York City Office of Environmental Remediation (NYCOER), in order to determine the requirements for addressing the E designation assigned to the Subject Property prior to any planned construction activities.

The Subject Property is bordered to the north by a commercial/office building. The Subject Property is bordered to the south by East 212th Street, followed by a commercial/office building. The Subject Property is bordered to the east by a parking lot. The Subject Property is bordered to the west by White Plains Road, followed by a construction site.

A review of the New York City Department of Assessment files, the New York City Building Department property profile overview indicated that the building was constructed on the Subject Property in 1928 and has been utilized as a two story commercial and office building and dress factory since that time. A review of available Sanborn Fire Insurance Maps indicated that prior to 1928, the Subject Property was a residential property and vacant land. A review of available Sanborn Fire Insurance Maps and available City Directory information indicated that the building was utilized in the past by a dress manufacturer, bakery, club, a grocery store, a pharmacy, luncheonette, hardware store, laundromat, tobacco and candy shop, a flooring store and several professional tenants (no reported dry cleaners as past tenants).

It is the opinion of Middleton Environmental Incorporated that no further testing is warranted on the Subject Property. Please feel free to contact my office should you have any questions regarding this Physical Site Inspection or if you need any information regarding this Transaction Screen Process Report.

Sincerely,



Donald J. Middleton Jr.
President



OVERHEAD HEATER



GAS METERS



BASEMENT AREA



H&D GIFTS



NAIL SALON



OFFICE CORRIDOR

MEI TRANSACTION SCREEN PROCESS REPORT

This Transaction Screen Process Report is performed in conformance with the scope and limitations of ASTM Designation E1528-06 Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process. The identification of the subject property being assessed, report preparer, date of site visitation and the effective date of the opinion in the report under review are as follows:

Site Address: 3560-3570 White Plains Road in Bronx, New York 10467.

Description: The Subject Property is 0.13 of an acre in size and there is one (1) commercial/office building on the Subject Property. This 12,900 square foot building has two (2) floors and a basement. The building contains nine (9) first floor commercial units (Da Next Level Studio, family worship center, H&D Gifts, Hot N Ready Pizza, Hair Braiding, barber, market, nail salon, and beauty supply), with six (6) offices on the second floor. The basement of the building contains meter and storage rooms.

Transaction Screen Process prepared by: Donald J. Middleton Jr. Report Date: 06/06/12

Site visit performed by: Michael Fiscina Visit Date: 05/16/12

INTRODUCTION TO TRANSACTION SCREEN PROCESS QUESTIONNAIRE

ASTM Sec. 5.1 Process - The transaction screen process consists of asking questions contained within the transaction screen questionnaire of owners and occupants of the property, observing site conditions at the property with direction provided by the transaction screen questionnaire, and, to the extent reasonably ascertainable, conducting limited research regarding certain government records and certain standard historical sources. The questions asked of owners when conducting site visits are the same questions as those asked of occupants.

ASTM Sec. 5.2 Guide - The transaction screen questionnaire is followed by a guide designed to assist the person completing the transaction screen questionnaire. The guide to the transaction screen questionnaire is set out in Sections 7 through 10 of this practice. This guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

ASTM Sec. 5.2.1 - To assist the user, its employee or agent, or the environmental professional in preparing a report, the guide repeats each of the questions set out in the transaction screen questionnaire in both the guide for owner/occupant inquiry and the guide to site visit. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

ASTM Sec. 5.2.2 - The guide also describes the procedures to be followed to determine if reliance upon the information in a prior environmental site assessment is appropriate under this practice.

ASTM Sec. 5.2.3 - A user, his employee or agent, or environmental professional conducting the transaction screen process should not use the transaction screen questionnaire without reference to, or familiarity from prior usage with, the guide.

ASTM Sec. 5.3 User - The user may either conduct the transaction screen process, or delegate it to an employee or agent or may contract with a third party to prepare the questionnaire on behalf of the user. No matter who prepares the questionnaire, the user remains responsible for the decision to conduct limited environmental due diligence and the impact of that decision on risk management.

ASTM Sec. 5.4 Preparer – The preparer conducting the transaction screen process should use good faith efforts in determining answers to the questions set forth in the transaction screen questionnaire. The user should take time and care to check whatever records are in the user's possession and forward relevant information or specialized knowledge to the preparer.

ASTM Sec. 5.5 Knowledge - The owner or occupant of the property to which portions of the transaction screen questionnaire are directed should have sufficient knowledge and experience with respect to the property or in the owner's or occupant's particular business to understand the purpose and use of the transaction screen questionnaire. All answers should be given to the best of the owner's or occupant's actual knowledge.

ASTM Sec. 5.5.1 - While the person conducting the transaction screen process has an obligation to ask the questions set forth in the transaction screen questionnaire, in many instances the parties to whom the questions are addressed will have no obligation to answer them. The user is only required to obtain information to the extent it is reasonably ascertainable.

ASTM Sec. 5.5.2 - The transaction screen questionnaire and the transaction screen guide sometimes include the phrase "to the best of your knowledge." This phrase does not impose a constructive knowledge standard. It is intended as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

ASTM Sec. 5.6 Conclusions Regarding Affirmative or Unknown Answers - If any of the questions set forth in the transaction screen questionnaire are answered in the affirmative, the user must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the user should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the transaction screen process, including, in particular, the site visit and the government records/historical sources inquiry. If the user decides no further inquiry is warranted after receiving no response, an answer of unknown or an affirmative answer, the user must document the reasons for any such conclusion.

ASTM Sec. 5.6.1 - Upon obtaining an affirmative answer, an answer of unknown or no response, the user should first refer to the guide. The guide may provide sufficient explanation to allow a user to conclude that no further inquiry is appropriate with respect to the particular question.

ASTM Sec. 5.6.2 - If the guide to a particular question does not, in itself, permit a user to conclude that no further inquiry is appropriate, then the user should consider other information obtained from the transaction screen process relating to this question. For example, while on the site performing a site visit, a person may find a storage tank on the property and therefore answer Question 10 of the transaction screen questionnaire in the affirmative. However, during or subsequent to the owner/occupant inquiry, the owner may produce evidence that substances now or historically contained in the tank (e.g. water) are not likely to cause contamination.

ASTM Sec. 5.6.3 - If either the guide to the question or other information obtained during the transaction screen process does not permit a user to conclude no further inquiry is appropriate with respect to such question, then the user must determine, in the exercise of the user's reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the transaction screen process, whether further inquiry may be limited to those specific issues identified as of concern or should proceed with a full Phase I Environmental Site Assessment.

ASTM Sec. 5.7 Presumption - A presumption exists that further inquiry is necessary if an affirmative answer is given to a question because the answer was unknown or no response was given. In rebutting this presumption, the user should evaluate information obtained from each component of the transaction screen process and consider whether sufficient information has been obtained to conclude that no further inquiry is necessary. The user must determine, in the exercise of the user's reasonable business judgment, the scope of such further inquiry: whether to proceed with a Phase I Environmental Site Assessment prepared in accordance with Practice E 1527 or a lesser inquiry directed at specific issues raised by the questionnaire.

ASTM Sec. 5.8 Further Inquiry Under Practice E 1527 - Upon completing the transaction screen questionnaire, if the user concludes that a Phase I Environmental Site Assessment is needed, the user should proceed with such inquiry with the advice and guidance of an environmental professional. Such further inquiry should be undertaken in accordance with Practice E 1527.

TRANSACTION SCREEN GUIDE

1A. Is the property used for an industrial use?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

1B. Is any adjoining property used for an industrial use?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

2A. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

2B. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

3A. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

3B. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

4A. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

4B. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

Owner	NO
Occupant	NO
Observed During Site Visit	NO*
While not observed, historical records indicate the property to the north was occupied by a dry cleaner.	

5A. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

5B. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

6A. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

6B. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

7A. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

7B. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

8A. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

8B. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

9A. Is there currently any stained soil on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

9B. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

10A. Are there currently any registered or unregistered storage tanks (aboveground or underground) located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

10B. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (aboveground or underground) located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	YES
An abandoned fill port was observed in the sidewalk in front of building. There were no signs of any tanks in the basement of the building associated with this fill port it is likely that this port lead to an aboveground tank that was removed from the basement several years ago (and not an underground tank).	

11A. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	YES
Abandoned fill port in sidewalk in front of building.	

11B. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	YES
Abandoned fill port in sidewalk in front of building.	

12A. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

12B. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

13A. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

13B. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

14A. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 15A. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 15B. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 15C. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 15D. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 16A. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 17A. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 18A. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 18B. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 19A. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

GUIDE TO GOVERNMENTAL RECORDS/HISTORICAL SOURCES INQUIRY

21. The following Federal and State governmental record systems were checked for a list of this property or any property within the circumference of the area (see appendix for Environmental Data). Were any sites noticed within the specified radius of the site?

SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS			
Regulatory Database	Approximate Minimum Search Distance	Subject Property Listed	Off-site Listings Within Search Distance
Federal NPL Sites	1.0 mile	No	0
Federal Delisted NPL Sites	0.5 mile	No	0
Federal CERCLIS Sites	0.5 mile	No	0
Federal CERCLIS NFRAP Sites	0.5 mile	No	0
Federal RCRA CORRACTS Sites	1.0 mile	No	0
Federal RCRA Generators Sites	Property & Adjoining	No	0
Federal RCRA Non-CORRACTS TSD Sites	0.5 mile	No	0
Federal Engineering / Institutional Control Sites	Property & Adjoining	No	0
Federal ERNS Sites	Subject Property	No	0
State and Tribal equivalent NPL Sites	1.0 mile	No	0
State and Tribal equivalent CERCLIS Sites	0.5 mile	No	0
State and Tribal Leaking Storage Tank Sites	0.5 mile	No	40
State and Tribal Spills Sites	Subject Property	No	0
State and Tribal Landfill or Solid Waste Disposal Sites	0.5 mile	No	0
State and Tribal Registered Storage Tank Sites	Property & Adjoining	No	1
State and Tribal Engineering / Institutional Control Sites	Property & Adjoining	Yes	1
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	0
State and Tribal Brownfield Sites	0.5 mile	No	0

22. Would any of these sites have a potential adverse impact on the Subject Property?

YES _____ NO X SEE COMMENTS _____

23. Based upon a review of fire insurance maps or local street directories, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?

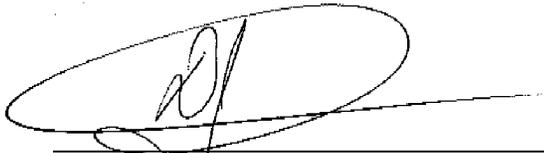
YES _____ NO X SEE COMMENTS _____

The Site Inspection, Government Records, Historical Sources Inquiry and Owner/Occupant questionnaire were completed by:

Name : Michael Fiscina
Title: Field Analyst
Firm : Middleton Environmental Inc.
Address: 50 Park Avenue, Babylon, NY 11702
Phone number: 631 321 4300
Date: 5/16/12
Relationship User: Environmental Consultant

Name of User: Mr. Joseph Bellucci
User's address: Astoria Federal Savings Bank, 1 Jericho Plaza, Jericho, NY 11753
User's phone number: 516-535-8080
User's relationship to the site (for example, owner, prospective purchaser, lender, etc.): Lender

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.



Donald J. Middleton Jr.
President



02/28/12
Date

APPENDIX

DEPARTMENT OF FINANCE OR ASSESSMENT INFORMATION
AND/OR LOCAL FIRE AND BUILDING DEPARTMENT INFORMATION

REGULATORY DATABASE INFORMATION (SUPPLIED BY FIRSTSEARCH INCORPORATED)

HISTORICAL RESEARCH DOCUMENTATION (INCLUDING SANBORN FIRE INSURANCE MAPS,
COLES AND TELEPHONE ADDRESS DIRECTORY INFORMATION, ETC..)

DEPARTMENT OF FINANCE OR ASSESSMENT INFORMATION
AND/OR LOCAL FIRE AND BUILDING DEPARTMENT INFORMATION

Property Detail Report

For Property Located At



CoreLogic

RealQuest Professional

3560 WHITE PLAINS RD, BRONX, NY 10467-5711

Owner Information:

Owner Name: 3560 WPR LLC
 Mailing Address: 60 E 42ND ST #447, NEW YORK NY 10165-0499 C007
 Phone Number: Vesting Codes: //

Location Information:

Legal Description:
 County: BRONX, NY APN: 04657-0094
 Census Tract / Block: 380.00 / 4 Alternate APN:
 Township-Range-Sect: Subdivision:
 Legal Book/Page: Map Reference: 16-07-10 / 168-G5
 Legal Lot: 94 Tract #:
 Legal Block: 4657 School District: 3620580
 Market Area: Munic/Township:
 Neighbor Code:

Owner Transfer Information:

Recording/Sale Date: / Deed Type:
 Sale Price: 1st Mtg Document #:
 Document #:

Last Market Sale Information:

Recording/Sale Date: 04/12/1982 / 04/12/1982 1st Mtg Amount/Type: /
 Sale Price: \$149,000 1st Mtg Int. Rate/Type: /
 Sale Type: 1st Mtg Document #: /
 Document #: 2nd Mtg Amount/Type: /
 Deed Type: DEED (REG) 2nd Mtg Int. Rate/Type: /
 Transfer Document #: Price Per SqFt: \$11.55
 New Construction: Multi/Split Sale:
 Title Company:

Lender:
 Seller Name:

Prior Sale Information:

Prior Rec/Sale Date: / Prior Lender:
 Prior Sale Price: Prior 1st Mtg Amt/Type: /
 Prior Doc Number: Prior 1st Mtg Rate/Type: /
 Prior Deed Type:

Property Characteristics:

Year Built / Eff:	1928 /	Total Rooms/Offices:	Garage Area:
Gross Area:	12,900	Total Restrooms:	Garage Capacity:
Building Area:	12,900	Roof Type:	Parking Spaces:
Tot Adj Area:		Roof Material:	Heat Type:
Above Grade:		Construction:	Air Cond:
# of Stories:	2.00	Foundation:	Pool:
Other Improvements:		Exterior wall:	Quality:
		Basement Area:	Condition:

Site Information:

Zoning:	R6	Acres:	0.16	County Use:	STORE 2 STORY/OFFICE (K2)
Lot Area:	7,158	Lot Width/Depth:	71 x 100	State Use:	
Land Use:	STORES & OFFICES	Commercial Units:	13	Water Type:	
Site Influence:	CORNER	Sewer Type:		Building Class:	K2

Tax Information:

Total Value:	\$284,400	Assessed Year:	2012	Property Tax:	\$21,188.24
Land Value:	\$106,200	Improved %:	63%	Tax Area:	4
Improvement Value:	\$178,200	Tax Year:	2012	Tax Exemption:	
Total Taxable Value:	\$208,710				



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings
Property Profile Overview

3560 WHITE PLAINS ROAD

BRONX 10467

BIN# 2057691

EAST 212 STREET 701 - 701
WHITE PLAINS ROAD 3560 - 3570

Census Tract : 380
Community Board : 212
Buildings on Lot : 1

Tax Block : 4657
Tax Lot : 94
Condo : NO
Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): EAST 212 STREET, EAST 213 STREET
 DOB Special Place Name:
 DOB Building Remarks:
 Landmark Status: Special Status: N/A
 Local Law: NO Loft Law: NO
 SRO Restricted: NO TA Restricted: NO
 UB Restricted: NO
 Little 'E' Restricted: HAZMAT/NOISE/AIR Grandfathered Sign: NO
 Legal Adult Use: NO City Owned: NO
 Additional BINs for Building: NONE

Special District: UNKNOWN

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

Department of Finance Building Classification: K2-STORE BUILDING

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

	Total	Open	Elevator Records
Complaints	3	0	Electrical Applications
Violations-DOB	17	0	Permits In-Process / Issued
Violations-ECB (DOB)	5	0	Illuminated Signs Annual Permits
Jobs/Filings	9		Plumbing Inspections
ARA / LAA Jobs	9		Open Plumbing Jobs / Work Types
Total Jobs	18		Facades
Actions	22		Marquee Annual Permits
OR Enter Action Type:			Boiler Records
OR Select from List:			DEP Boiler Information
Select...			Crane Information
			After Hours Variance Permits

AND [Show Actions](#)

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



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings
Actions

Page: 1

Premises: 3560 WHITE PLAINS ROAD BRONX

BIN: 2057691 Block: 4657 Lot: 94

NUMBER		TYPE	FILE DATE
ALT 368-47		ALTERATION	00/00/1947
ALT 958-47		ALTERATION	00/00/1947
ALT 360-72		ALTERATION	00/00/1972
ALT 288-88		ALTERATION	06/28/1968
BN 187-60		BUILDING NOTICE	00/00/1960
BN 580-71(3570)		BUILDING NOTICE	00/00/1971
BN 1006-89		BUILDING NOTICE	09/21/1989
CO 4192-48	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1948
CO 49494-74	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1974
ELV 331-40		ELEVATOR	00/00/1940

Next

Enter Action Type: _____ Or Select from List:

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

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF BROOKLYN

CITY OF NEW YORK

NY

No.

Date

MAY 11 - 1948

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.20-151.0 or C.20-167.0 of the Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No. B. E. 417/23, 1889/28, Alt. 152/35

To the owner or owners of the building or premises:

THIS CERTIFIES that the ~~1889~~ ~~altered~~ ~~building~~ building premises located at
 301 E. 11th St. N/E cor. 300 White Plains Rd.

Block 657 Lot 4

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

Permit No. — 300/47

Construction classification — Non-Fireproof

Company classification — Commercial

Height 8 stories 23'0" feet.

Date of completion — April 12, 1948

Located in Business Use District

Area Class 1B, Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolution of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

1948/47/A

PERMISSIBLE USE AND OCCUPANCY

ELEV.	LIVE LOADS LB. PER SQ. FT.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
2nd	80	15	0	15	Boiler and storage
3rd	70	15	0	15	Stores
4th	120	1	50	51	Manufacturing of dresses.

NOTE: This certificate of occupancy is issued on condition that the floor area used for manufacturing shall not exceed the area of the lot, that premises may not be used for any use prohibited by Section 24-a of the Zoning Resolution and shall not be used for any trades, industry or use that is noxious or offensive by reason of the emission of odor, dirt, noise, gas or fumes.

NOTE: Fire Department permit H-21488 issued October 22, 1947, for one 1200 gallon fuel oil tank.

NOTE: Fire Department approval of fire extinguishing equipment received March 2, 1948.

[Handwritten signature]

[Handwritten signature]

Borough Superintendent.

Alt 560/72

Form 54-B (Rev. 6/61) 16M JCB/14(10)

THE CITY OF NEW YORK

HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS
CERTIFICATE OF OCCUPANCY

BOROUGH

DATE: OCT 23 1974 NO. 49494

This certificate supersedes C.O. No. _____ ZONING DISTRICT

THIS CERTIFIES that the altered building premises located at

350 White Plains Road NYC 10017 E. 21st St. Block 457 Lot 94
CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIFT LOAD LBS. PER SQ. FT.	HABITABLE NO. OF PERSONS PERMITTED	ZONING DISTRICT OR EXISTING DATE	RESOLUTION USE GROUP	BUILDING CODE		DESCRIPTION OF USE
					HABITABLE ROOMS	OCCUPANCY GROUP	
Basement	on grade						Basement & Storage.
First	75	100		6			Stores
Second	120	70		6 & 17			Manufacturing of Broccoli and Office.

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED
WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES
OF THE DEPARTMENT OF BUILDINGS, NEW YORK CITY, 24-00
AND 25-00, REVISED MARCH 21ST, 1967.

OPEN SPACE USES _____
(SPECIFY—PARKING SPACE, LOADING BAYS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS
A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED
THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE
SIDE.

J. M. C. [Signature]
DEPARTMENT SUPERINTENDENT

COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

REGULATORY DATABASE INFORMATION (SUPPLIED BY FIRSTSEARCH INCORPORATED)

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

3560 WHITE PLAINS ROAD

BRONX NY 10467

Job Number: 12-540

PREPARED FOR:

Middleton Environmental Inc.

50 Park Avenue

Babylon, NY 11702

05-15-12



Tel: (781) 551-0470

Fax: (781) 551-0471

Environmental FirstSearch Search Summary Report

Target Site: 3560 WHITE PLAINS ROAD
BRONX NY 10467

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	05-09-10	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	05-09-12	0.50	0	0	0	0	-	0	0
CERCLIS	Y	02-27-12	0.50	0	0	0	0	-	0	0
NFRAP	Y	02-27-12	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	03-13-12	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	03-13-12	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	03-13-12	0.25	0	2	6	-	-	2	10
Federal Brownfield	Y	05-01-12	0.50	0	0	0	0	-	0	0
ERNS	Y	04-13-12	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-15-08	1.00	0	0	0	0	0	2	2
State/Tribal Sites	Y	04-05-12	1.00	0	0	0	0	0	0	0
State Spills 90	Y	01-10-12	0.12	0	31	-	-	-	25	56
State Spills 80	Y	11-02-10	0.25	0	1	1	-	-	12	14
State/Tribal SWL	Y	01-11-12	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	04-05-12	0.50	0	6	5	29	-	4	44
State/Tribal UST/AST	Y	04-05-12	0.25	0	13	19	-	-	0	32
State/Tribal EC	Y	04-05-12	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	04-05-12	0.25	0	19	22	-	-	0	41
State/Tribal VCP	Y	04-05-12	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	04-05-12	0.50	0	0	0	0	-	0	0
Federal IC/EC	Y	03-13-12	0.50	0	0	0	0	-	0	0
- TOTALS -				0	72	53	29	0	45	199

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 05-15-12
Requestor Name: alex
Standard: AAI

Search Type: COORD
Job Number: 12-540
Filtered Report

Target Site: 3560 WHITE PLAINS ROAD
 BRONX NY 10467

Demographics

Sites: 199	Non-Geocoded: 45	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-73.865565	-73:51:56	Easting: 595585.774
Latitude:	40.878782	40:52:44	Northing: 4525708.518
Elevation:	92		Zone: 18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)	Services:
--------------------------------------	------------------

ZIP Code	City Name	ST	Dist/Dir	Sel
10469	BRONX	NY	0.32 SE	Y
10458	BRONX	NY	0.82 SW	N
10466	BRONX	NY	0.59 NE	N
10468	BRONX	NY	0.99 NW	N
10471	BRONX	NY	0.87 NW	N

	Requested?	Date
Fire Insurance Maps	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	Yes	05-15-12
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 199 **GEOCODED:** 154 **NON GEOCODED:** 45 **SELECTED:** 12

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
2	INSTCONTRO	E DESIGNATION SITE E-279-1588-A	4643 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.01 NW	N/A	N/A
4	INSTCONTRO	E DESIGNATION SITE E-279-1583	4657 BRONX NY 10467	0.01 SE	N/A	N/A
1	INSTCONTRO	E DESIGNATION SITE E-279-1577-B	4657 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.01 SE	N/A	N/A
3	INSTCONTRO	E DESIGNATION SITE E-279-1571	4657 BRONX NY 10467	0.01 SE	N/A	N/A
8	INSTCONTRO	E DESIGNATION SITE E-279-1580	4643 BRONX NY 10467	0.02 NW	N/A	N/A
7	INSTCONTRO	E DESIGNATION SITE E-279-1589	4643 BRONX NY 10467	0.02 NW	N/A	N/A
9	INSTCONTRO	E DESIGNATION SITE E-279-1596	4661 BRONX NY 10467	0.03 NE	N/A	N/A
10	INSTCONTRO	E DESIGNATION SITE E-279-1579	4657 BRONX NY 10467	0.04 SE	N/A	N/A
15	INSTCONTRO	E DESIGNATION SITE E-279-1572-A	4647 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.06 NE	N/A	N/A
14	INSTCONTRO	E DESIGNATION SITE E-279-1578-A	4647 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.06 NE	N/A	N/A
18	INSTCONTRO	E DESIGNATION SITE E-279-1589-A	4643 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.07 SW	N/A	N/A
19	INSTCONTRO	E DESIGNATION SITE E-279-1588	4643 BRONX NY 10467	0.07 SW	N/A	N/A
23	INSTCONTRO	E DESIGNATION SITE E-279-1655	4662 BRONX NY 10467	0.08 NE	N/A	N/A
24	INSTCONTRO	E DESIGNATION SITE E-279-1656	4662 BRONX NY 10467	0.08 NE	N/A	N/A
22	INSTCONTRO	E DESIGNATION SITE E-279-1597-A	4660 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.08 SE	N/A	N/A
21	INSTCONTRO	E DESIGNATION SITE E-279-1583-B	4657 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.08 SW	N/A	N/A
20	INSTCONTRO	E DESIGNATION SITE E-279-1577-A	4657 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.08 SW	N/A	N/A
30	INSTCONTRO	E DESIGNATION SITE E-279-1577	4657 BRONX NY 10467	0.10 SE	N/A	N/A
29	INSTCONTRO	E DESIGNATION SITE E-279-1583-A	4657 ♂• •'C}•♂• • [↓] BRONX NY 10467	0.10 SE	N/A	N/A
42	INSTCONTRO	E DESIGNATION SITE E-279-1597	4660 BRONX NY 10467	0.13 SE	N/A	N/A
46	INSTCONTRO	E DESIGNATION SITE E-279-1598	4645 BRONX NY 10467	0.14 NW	N/A	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 199 **GEOCODED:** 154 **NON GEOCODED:** 45 **SELECTED:** 12

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
48	INSTCONTRO	E DESIGNATION SITE E-279-1582	4659 BRONX NY 10467	0.14 SE	N/A	N/A
45	INSTCONTRO	E DESIGNATION SITE E-279-1582-A	4659 ♂• •'C}•♂• •↓ BRONX NY 10467	0.14 SE	N/A	N/A
47	INSTCONTRO	E DESIGNATION SITE E-279-1607	4659 BRONX NY 10467	0.14 SE	N/A	N/A
52	INSTCONTRO	E DESIGNATION SITE E-279-1584	4647 BRONX NY 10467	0.15 NE	N/A	N/A
51	INSTCONTRO	E DESIGNATION SITE E-279-1578	4647 BRONX NY 10467	0.15 NE	N/A	N/A
50	INSTCONTRO	E DESIGNATION SITE E-279-1581	4658 BRONX NY 10467	0.15 SE	N/A	N/A
56	INSTCONTRO	E DESIGNATION SITE E-279-1656-A	4662 ♂• •'C}•♂• •↓ BRONX NY 10467	0.16 NE	N/A	N/A
61	INSTCONTRO	E DESIGNATION SITE E-279-1572	4647 BRONX NY 10467	0.17 NE	N/A	N/A
59	INSTCONTRO	E DESIGNATION SITE E-279-1654-A	4663 ♂• •'C}•♂• •↓ BRONX NY 10467	0.17 NE	N/A	N/A
60	INSTCONTRO	E DESIGNATION SITE E-279-1653	4663 BRONX NY 10467	0.17 NE	N/A	N/A
65	INSTCONTRO	E DESIGNATION SITE E-279-1585	4647 BRONX NY 10467	0.18 NE	N/A	N/A
64	INSTCONTRO	E DESIGNATION SITE E-279-1654	4663 BRONX NY 10467	0.18 NE	N/A	N/A
67	INSTCONTRO	E DESIGNATION SITE E-279-1598-A	4645 ♂• •'C}•♂• •↓ BRONX NY 10467	0.19 NW	N/A	N/A
68	INSTCONTRO	E DESIGNATION SITE E-279-1586	4645 BRONX NY 10467	0.19 NW	N/A	N/A
71	INSTCONTRO	E DESIGNATION SITE E-279-1575	4651 BRONX NY 10467	0.20 NE	N/A	N/A
70	INSTCONTRO	E DESIGNATION SITE E-279-1574	4651 BRONX NY 10467	0.20 NE	N/A	N/A
73	INSTCONTRO	E DESIGNATION SITE E-279-1598-B	4645 ♂• •'C}•♂• •↓ BRONX NY 10467	0.21 NW	N/A	N/A
84	INSTCONTRO	E DESIGNATION SITE E-279-1652	4664 BRONX NY 10467	0.25 NE	N/A	N/A
83	INSTCONTRO	E DESIGNATION SITE E-279-1649	4670 BRONX NY 10467	0.25 SE	N/A	N/A
85	INSTCONTRO	E DESIGNATION SITE E-279-1638	4670 BRONX NY 10467	0.25 SE	N/A	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 199 **GEOCODED:** 154 **NON GEOCODED:** 45 **SELECTED:** 12

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
31	LUST	NYC COMFORT STATION 0109651/CLOSED	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	1
31	LUST	PARKS and REC BUILDING - TTF 0900240/ACTIVE	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	3
40	LUST	MANAGMENT CO 0601035/CLOSED	3555 OLINVILLE AVE BRONX NY 10467	0.12 NW	- 30	5
38	LUST	EXXON 2634793 0209518/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	6
38	LUST	EXXONMOBIL 0305075/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	7
39	LUST	EXXONMOBIL 8807470/HISTORIC-ACTIVE	688 E GUNHILL RD BRONX NY 10467	0.12 SW	+ 3	8
41	LUST	EXXONMOBIL S/S 37863 9511031/CLOSED	GUNHILL RD BRONX NY 10467	0.13 SW	- 6	N/A
41	LUST	EXXONMOBIL 8707047/CLOSED	641 E GUN HILL RD BRONX NY 10467	0.13 SW	- 6	N/A
77	LUST	MITCHELL-LLAMA COOP 9607944/CLOSED	3511 BARNES AVE BRONX NY 10467	0.23 SE	+ 7	N/A
82	LUST	GUN HILL HOUSES -NYCHA 9612384/CLOSED	731 MAGENTA ST BRONX NY 10467	0.25 SW	- 25	N/A
82	LUST	GUN HILL HOUSES -NYCHA 9711346/CLOSED	731 MAGENTA ST BRONX NY 10467	0.25 SW	- 25	N/A
86	LUST	CLOSED-LACKOF RECENT INFO 9009664/CLOSED	525 E GUN HILL RD BRONX NY 10467	0.27 SW	- 42	N/A
87	LUST	UNOCCUPIED FAMILY HOME 0509613/CLOSED	839 E 214TH ST BRONX NY 10467	0.28 SE	+ 19	N/A
88	LUST	INTERMEDIATE SCHOOL 113 1100954/CLOSED	3710 BARNES AVE BRONX NY 10467	0.29 NE	+ 33	N/A
89	LUST	RESIDENCE 0509285/CLOSED	737 BARTHOLDI ST BRONX NY 10467	0.31 SW	+ 8	N/A
92	LUST	UNKNOWN 0210301/CLOSED	861 E 215TH ST BRONX NY 10467	0.32 NE	+ 28	N/A
90	LUST	CLOSED-LACKOF RECENT INFO 8806294/CLOSED	3757 WHITE PLAINS RD BRONX NY 10467	0.32 NE	+ 23	N/A
91	LUST	EXXONMOBIL 9003015/CLOSED	3515 WEBSTER AVE BRONX NY 10467	0.32 NW	- 16	N/A
91	LUST	EXXONMOBIL 9702008/CLOSED	3515 WEBSTER AVE BRONX NY 10467	0.32 NW	- 16	N/A
91	LUST	EXXONMOBIL 9416500/HISTORIC-ACTIVE	3515 WEBSTER AVE BRONX NY 10467	0.32 NW	- 16	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 199 **GEOCODED:** 154 **NON GEOCODED:** 45 **SELECTED:** 12

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
93	LUST	ZAPPULLA HOME 0509192/CLOSED	782 MAGENTA AVE BRONX NY 10467	0.32 SE	+ 1	N/A
94	LUST	APART 0800395/ACTIVE	3531 BRONXWOOD AVE BRONX NY 10469	0.35 SE	- 15	N/A
95	LUST	PRIVATE HOME 0700653/CLOSED	3308 HOLLAND AVE BRONX NY 10467	0.36 SE	+ 7	N/A
96	LUST	NIDUS REALTY APT. 8911290/CLOSED	3355 DECATUR AVE BRONX NY 10467	0.39 SW	+ 18	N/A
97	LUST	FORMER ROFAY NURSING HOME 0305261/CLOSED	946 E 211TH ST BRONX NY 10469	0.40 SE	- 8	N/A
98	LUST	935 EAST 213TH ST 9712328/CLOSED	935 E 213TH ST BRONX NY 10469	0.41 SE	+ 28	N/A
99	LUST	APARTMENT 0602092/ACTIVE	323 E GUN HILL RD BRONX NY 10467	0.43 NW	+ 24	N/A
100	LUST	0314076/CLOSED	3260 CRUGER AVE BRONX NY 10467	0.44 SW	+ 13	N/A
100	LUST	3260 CRUGER AVE 0305576/CLOSED	3260 CRUGER AVE BRONX NY 10467	0.44 SW	+ 13	N/A
101	LUST	CLOSED-LACKOF RECENT INFO 8703618/CLOSED	810 E 220TH ST BRONX NY 10467	0.45 NE	+ 41	N/A
102	LUST	MOSHOLU PKWY NURSING HOME 8800357/CLOSED	3356 PERRY AVE BRONX NY 10467	0.46 SW	+ 32	N/A
102	LUST	3356 PERRY AVE/MOSHOLU 8708004/CLOSED	3356 PERRY AVE BRONX NY 10467	0.46 SW	+ 32	N/A
103	LUST	ANGEL GONZALES 0109656/CLOSED	3252 OLINVILLE AVE BRONX NY 10467	0.46 SW	+ 38	N/A
106	LUST	0012828/CLOSED	3505 PERRY AVE BRONX NY 10467	0.47 NW	+ 37	N/A
105	LUST	0306255/CLOSED	3362 COLDEN AVE BRONX NY 10469	0.47 SE	- 11	N/A
104	LUST	APARTMENT BLDG. 0403047/CLOSED	344 E 209TH ST BRONX NY 10467	0.47 SW	+ 19	N/A
107	LUST	300 RESERVOIR PLACE 0513030/CLOSED	300 RESERVOIR PL BRONX NY 10467	0.48 NW	+ 30	N/A
109	LUST	871 EAST 220TH ST/BX 9005730/CLOSED	871 E 220TH ST BRONX NY 10467	0.49 NE	+ 51	N/A
108	LUST	801 S. OAK DRIVE 9406495/CLOSED	801 S OAK DR BRONX NY 10467	0.49 SE	+ 16	N/A
110	LUST	BARKERS OWNERS INC 0600639/CLOSED	3231 BARKER AVE BRONX NY 10467	0.50 SW	+ 14	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 199 **GEOCODED:** 154 **NON GEOCODED:** 45 **SELECTED:** 12

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	LUST	WOODLAWN CEMETERY 1112487/CLOSED	WEBSTER AVE and 233RD ST BRONX NY	NON GC	N/A	N/A
	LUST	BASEMENT TANK ROOM 0610526/CLOSED	EASTERN DRAW BRIDGE BLVD BRONX NY	NON GC	N/A	N/A
	LUST	CITY LANDS AUTO REPAIR TTF 1109979/ACTIVE	2575 BOSTON POST RD BRONX NY	NON GC	N/A	N/A
	LUST	UNK RESIDENCE TTF 1113889/ACTIVE	754 MANIVA ST BRONX NY	NON GC	N/A	N/A
31	RCRAGN	MTA NYCT - GUN HILL RD STATION NYR000110486/LGN	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	N/A
32	RCRAGN	NYCT - WILLIAMS BRIDGE SQUARE NYR000098483/VGN	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 5	N/A
41	RCRAGN	CUMBERLAND FARMS 70214 NYD98279771/VGN	641 E GUN HILL RD BRONX NY 10467	0.13 SW	- 6	N/A
57	RCRAGN	NYCHA - GUN HILL HOUSES NYR000098558/SGN	3444 WHITE PLAINS RD BRONX NY 10467	0.17 SW	- 8	N/A
81	RCRAGN	MTA NYCT - 219TH ST SIGNAL TOW NYR000115840/VGN	E 217TH ST and WHITE PLAINS BRONX NY 10467	0.25 NE	+ 19	N/A
79	RCRAGN	CON EDISON NYP004159216/VGN	3402 HOLLAND AVE BRONX NY 10467	0.25 SE	- 21	N/A
80	RCRAGN	MIND BUILDERS CREATIVE ARTS CE NYR000177444/LGN	3415 OLINVILLE AVE BRONX NY 10467	0.25 SW	- 22	N/A
82	RCRAGN	NYCHA - GUN HILL HOUSES NYD980234488/SGN	731 MAGENTA ST BRONX NY 10467	0.25 SW	- 25	N/A
	RCRAGN	NYCT - WHITE PLAINS BENTS 110 NYR000113779/LGN	WHITE PLAINS FROM PELHAM RD BRONX NY 10467	NON GC	N/A	N/A
	RCRAGN	NYCDOT BIN 22418700 NYR000127860/VGN	GUN HILL BRIDGE OVER RD BRONX NY 10467	NON GC	N/A	N/A
5	SPILLS	MANHOLE 23273 0001452/CLOSED	WHITE PLAINS RD and E 212TH BRONX NY 10467	0.02 SE	+ 4	10
11	SPILLS	3629 WHITE PLAINS RD 9411533/CLOSED	3629 WHITE PLAINS RD BRONX NY 10467	0.05 NE	+ 5	11
13	SPILLS	ROADWAY 0100408/CLOSED	WHITE PLAINS RD and 211TH S BRONX NY 10467	0.06 SW	+ 4	N/A
16	SPILLS	MOUNT MOREIH CHRISTIAN CHURCH 1006973/CLOSED	704 E 214TH ST BRONX NY 10467	0.07 NE	+ 11	N/A
17	SPILLS	PATRICK and SON AUTO REPAIR 9709435/ACTIVE	3525 WHITE PLAINS RD BRONX NY 10467	0.07 SW	+ 4	13
25	SPILLS	RESI: ST HILL 9516140/CLOSED	3563 HOLLAND AVE BRONX NY 10467	0.09 SE	+ 12	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 199 **GEOCODED:** 154 **NON GEOCODED:** 45 **SELECTED:** 12

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
33	SPILLS	36-32 WILLETT AVE/BX 9001355/CLOSED	36-32 WILLETT AVE BRONX NY 10467	0.11 NW	+ 10	N/A
35	SPILLS	0301969/CLOSED	3542 HOLLAND AVE BRONX NY 10467	0.11 SE	+ 10	N/A
31	SPILLS	PARKS and REC BUILDING - TTF 0900240/ACTIVE	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	17
31	SPILLS	GUN HILL RD and WHITE PLAINS R 1108811/CLOSED	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	N/A
31	SPILLS	INTERSECTION OF 0101429/CLOSED	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	N/A
31	SPILLS	MANHOLE 11155 9814681/CLOSED	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	N/A
31	SPILLS	GUNHILL RD/WHITE PLAINS 0109459/CLOSED	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	N/A
34	SPILLS	APARTMENT BLD 1004364/CLOSED	3520 OLINVILLE AVE BRONX NY 10467	0.11 SW	- 19	N/A
31	SPILLS	NYC COMFORT STATION 0109651/CLOSED	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	N/A
40	SPILLS	MANAGMENT CO 0601035/CLOSED	3555 OLINVILLE AVE BRONX NY 10467	0.12 NW	- 30	N/A
38	SPILLS	EXXONMOBIL 0305075/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	N/A
38	SPILLS	CUMBERLAND 70214 0804875/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	N/A
39	SPILLS	EXXON 0607072/CLOSED	688 E GUNHILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
38	SPILLS	CUMBERLAND FARMS 0805147/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	N/A
38	SPILLS	CUMBERLAND FARMS STORE 70214 0903182/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	N/A
39	SPILLS	EXON MOBIL 10166 0608750/CLOSED	688 E GUNHILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
39	SPILLS	EXXON MOBIL 0605285/CLOSED	688 E GUNHILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
39	SPILLS	EXXON MOBIL 0401158/ACTIVE	688 GUNHILL AVE BRONX NY 10467	0.12 SW	+ 3	19
38	SPILLS	EXXON 2634793 0209518/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	N/A
38	SPILLS	CUMBERLAND 70214 0800609/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 199 **GEOCODED:** 154 **NON GEOCODED:** 45 **SELECTED:** 12

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
39	SPILLS	MOBIL STATION 0909183/CLOSED	688 E GUN HILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
39	SPILLS	MOBILE 17K4Y 0403191/CLOSED	688 E GUNHILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
38	SPILLS	STATION 70214 0902072/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.12 SW	- 1	N/A
39	SPILLS	MOBIL 17-K4Y 0507777/CLOSED	688 E GUNHILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
39	SPILLS	EXXONMOBIL 9708707/CLOSED	688 E GUN HILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
	SPILLS	ROADWAY 1111183/CLOSED	GUN HILL RD and KNOX AVE BRONX NY	NON GC	N/A	N/A
	SPILLS	IFO RESIDENCE 9516561/CLOSED	207 E 214TH ST BRONX NY 10467	NON GC	N/A	N/A
	SPILLS	MANHOLE 26582 0205567/CLOSED	GUN HILL RD and WHITESTONE BRONX NY	NON GC	N/A	N/A
	SPILLS	MANHOLE 15409 0911514/CLOSED	GUN HILL RD and PAULDING AV BRONX NY	NON GC	N/A	N/A
	SPILLS	NEW ENGLAND THRUWAY ENT 0305102/CLOSED	GUN HILL RD and NEW ENGLAND BRONX NY	NON GC	N/A	N/A
	SPILLS	PARKCHESTER S/S. XFMR 11 LE 0804239/CLOSED	1640 WHITE PLAINS SUB B STA BRONX NY	NON GC	N/A	N/A
	SPILLS	218053; STEUBEN AVE AND GUN H 0914396/CLOSED	STEUBEN AVE and GUN HILL R BRONX NY	NON GC	N/A	N/A
	SPILLS	ROADWAY 1012219/CLOSED	WHITE PLAINS RD and E TREMO BRONX NY	NON GC	N/A	N/A
	SPILLS	MAN HOLE 23228 0811228/CLOSED	WHITE PLAINS RD BRONX NY	NON GC	N/A	N/A
	SPILLS	SOIL EMIS 217660 0904684/CLOSED	SOUND VIEW AVE and WHITE PL BRONX NY	NON GC	N/A	N/A
	SPILLS	SR CITZEN HOME 9511697/CLOSED	WHITE PLAINS RD BRONX NY	NON GC	N/A	N/A
	SPILLS	STREET 1113929/CLOSED	WHITE PLAINS RD and BRONX B BRONX NY	NON GC	N/A	N/A
	SPILLS	UNDERGROUND VAULT 1180 1008295/CLOSED	GUN HILL RD and BAINBRIDGE BRONX NY	NON GC	N/A	N/A
	SPILLS	9905504/CLOSED	GUN HILL and BUSSING RD BRONX NY 10467	NON GC	N/A	N/A
	SPILLS	ROADWAY 0909785/CLOSED	WHITE PLAINS RD and PATTERS BRONX NY	NON GC	N/A	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

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	SPILLS	FORMER GAS STATION 0809015/ACTIVE	1738 GUN HILL RD BRONX NY	NON GC	N/A	N/A
	SPILLS	221277; OLINVILLE AVE 1009071/CLOSED	OLINVILLE AVE BRONX NY	NON GC	N/A	N/A
	SPILLS	BET. 212TH ST and 211 ST. 9308832/CLOSED	212TH ST BRONX NY 10467	NON GC	N/A	N/A
	SPILLS	MANHOLE 28995 0500249/CLOSED	GUN HILL RD and MOSHOLU PKW BRONX NY	NON GC	N/A	N/A
	SPILLS	AT RESIDENCE 1104115/CLOSED	91 E 211TH ST BRONX NY	NON GC	N/A	N/A
	SPILLS	AMTRAK-SUB 46 0808394/CLOSED	WHITE PLAINS RD BRONX NY	NON GC	N/A	N/A
	SPILLS	BUS 5276 0805856/CLOSED	WHITE PLAINS RD/211TH ST BRONX NY	NON GC	N/A	N/A
	SPILLS	INTERSECTION OF WHITE PLAINS A 0885739/CLOSED	INTERSECTION OF WHITE PLAIN BRONX NY	NON GC	N/A	N/A
	SPILLS	221423; OLINVILLE AVE 1009089/CLOSED	OLINVILLE AVE BRONX NY	NON GC	N/A	N/A
	SPILLS	208459; 4770 WHITE PLAINS ROAD 0890400/CLOSED	4770 WHITE PLAINS ROAD and BRONX NY	NON GC	N/A	N/A
39	SPILLS80	EXXONMOBIL 8807470/CLOSED	688 E GUN HILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
41	SPILLS80	EXXONMOBIL 8707047/CLOSED	641 E GUN HILL RD BRONX NY 10467	0.13 SW	- 6	N/A
	SPILLS80	GUN HILL RD and E 233RD ST 8801502/CLOSED	E GUN HILL RD and 233RD ST BRONX NY 10467	NON GC	N/A	N/A
	SPILLS80	BRONX 8503365/CLOSED	BRONX BRONX NY	NON GC	N/A	N/A
	SPILLS80	BRONX 8603024/CLOSED	BRONX BRONX NY	NON GC	N/A	N/A
	SPILLS80	BRONX 8503141/CLOSED	BRONX BRONX NY 10467	NON GC	N/A	N/A
	SPILLS80	BRONX RIVER 8909219/CLOSED	GUN HILL RD and 238TH ST RD BRONX NY	NON GC	N/A	N/A
	SPILLS80	CNTRL TRNSPRTN TANKER 8802530/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	SPILLS80	CROSS BRONX EXPWY/BX 8807409/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	SPILLS80	E GUN HILL RD and 233RD ST/BX 8809547/CLOSED	E GUN HILL RD and 233RD ST BRONX NY 10467	NON GC	N/A	N/A

Environmental FirstSearch Sites Summary Report

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BRONX NY 10467

JOB: 12-540

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	SPILLS80	CROSS BRONX EXPWY/BX 8905093/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	SPILLS80	CROSS BRONX EXPWY 8801616/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	SPILLS80	NEW WINDSOR BRONX 8504703/CLOSED	NEW WINDSOR BRONX BRONX NY	NON GC	N/A	N/A
	SPILLS80	CROSS BRONX EXPRESSWAY/W 8700070/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-10467	UNKNOWN NY 10467	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-10469	UNKNOWN NY 10469	NON GC	N/A	N/A
6	UST	3578 WHITE PLAINS RD PBS2-062316/ACTIVE	3578 WHITE PLAINS RD BRONX NY 10467	0.02 SE	+ 3	21
12	UST	664 EAST 213TH STREET LLC PBS2-279714/ACTIVE	664 E 213TH ST BRONX NY 10467	0.05 NW	+ 1	N/A
17	UST	FATHER and SON AUTO REPAIR INC PBS2-248770/UNREGULATED	3525 WHITE PLAINS RD BRONX NY 10467	0.07 SW	+ 4	N/A
28	UST	WILLETT REALTY CORP. PBS2-605669/ACTIVE	3619 WILLETT AVE BRONX NY 10467	0.10 NW	+ 7	N/A
27	UST	WILLETT REALTY CORP. PBS2-605670/ACTIVE	3617 WILLETT AVE BRONX NY 10467	0.10 NW	+ 6	N/A
26	UST	3560 OLINVILLE AVE PBS2-318302/ACTIVE	3560 OLINVILLE AVE BRONX NY 10467	0.10 NW	- 17	N/A
36	UST	HEIGHTS REALTY CO., LLC PBS2-268739/ACTIVE	3604 OLINVILLE AVE BRONX NY 10467	0.11 NW	- 9	N/A
31	UST	GUNHILL COMFORT STATION PBS2-604967/ACTIVE	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.11 SW	+ 6	N/A
34	UST	KING DAVID PROPERTY LLC PBS2-155500/ACTIVE	3520 OLINVILLE AVE BRONX NY 10467	0.11 SW	- 19	N/A
37	UST	WILLIAMSBRIDGE POST OFFICE PBS2-476102/ADMINISTRATIVELY CLO	711 E GUN HILL RD BRONX NY 10467	0.11 SW	+ 4	N/A
37	UST	WILLIAMSBRIDGE STATION PBS2-604658/ACTIVE	711 E GUN HILL RD BRONX NY 10467	0.11 SW	+ 4	N/A
40	UST	LINDVILLE HOUSING CO PBS2-117609/ACTIVE	3555 OLINVILLE AVE BRONX NY 10467	0.12 NW	- 30	N/A
39	UST	MOBIL R/S 10166 PBS2-156264/ACTIVE	688 E GUN HILL RD BRONX NY 10467	0.12 SW	+ 3	N/A
41	UST	CUMBERLAND FARMS 70214 PBS2-188433/ACTIVE	641 E GUN HILL RD BRONX NY 10467	0.13 SW	- 6	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 199 **GEOCODED:** 154 **NON GEOCODED:** 45 **SELECTED:** 12

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
43	UST	3514 HOLLAND AVENUE PBS2-604723/ACTIVE	3514 HOLLAND AVE BRONX NY 10467	0.14 SE	+ 4	N/A
44	UST	635 E 211 ST PBS2-198803/ACTIVE	635 E 211TH ST BRONX NY 10467	0.14 SW	- 35	N/A
49	UST	IMMACULATE CONCEPTION CHURCH PBS2-062529/ACTIVE	750 E GUN HILL RD BRONX NY 10467	0.15 SE	- 6	N/A
55	UST	MEHBRO REALTY CORP. PBS2-363081/ACTIVE	3604 BRONX BLVD BRONX NY 10467	0.16 NW	- 25	N/A
53	UST	3534 BRONX BLVD OWNER LLC PBS2-235237/ACTIVE	3534 BRONX BLVD BRONX NY 10467	0.16 NW	- 46	N/A
54	UST	IMMACULATE CONCEPTION RECTORY PBS2-064181/ACTIVE	754 E GUN HILL RD BRONX NY 10467	0.16 SE	- 6	N/A
58	UST	IMMACULATE CONCEPTION SCHOOL PBS2-062537/ACTIVE	760 E GUN HILL RD BRONX NY 10467	0.17 SE	- 8	N/A
62	UST	3640 BRONX BLVD PBS2-233811/ACTIVE	3640 BRONX BLVD BRONX NY 10467	0.18 NW	- 15	N/A
63	UST	ALPS REALTY OF NY CORP. PBS2-297976/ACTIVE	3650 BRONX BLVD BRONX NY 10467	0.18 NW	- 16	N/A
66	UST	751 TILDEN STREET CORPOARTION PBS2-338850/UNREGULATED	751 TILDEN ST BRONX NY 10467	0.19 SE	+ 1	N/A
69	UST	FDNY - ENGINE COMPANY 62 PBS2-600555/UNREGULATED	3431 WHITE PLAINS RD BRONX NY 10467	0.20 SW	- 11	N/A
72	UST	BRONXWOOD HOME PBS2-605463/ACTIVE	799 E GUNHILL BRONX NY 10467	0.21 SE	- 12	N/A
77	UST	TILDEN TOWERS HOUSING CO.,INC. PBS2-404160/ACTIVE	3511 BARNES AVE BRONX NY 10467	0.23 SE	+ 7	N/A
75	UST	CITY OF FAITH CHURCH OF GOD PBS2-327565/ACTIVE	3453 WHITE PLAINS RD BRONX NY 10467	0.23 SW	- 22	N/A
76	UST	GOJCAJ REALTY CORPORATION PBS2-602082/ACTIVE	3435 OLINVILLE AVE BRONX NY 10467	0.23 SW	- 18	N/A
74	UST	CITY OF FAITH CHURCH OF GOD PBS2-327557/UNREGULATED	3445 WHITE PLAINS RD BRONX NY 10467	0.23 SW	- 23	N/A
78	UST	NEIGHBOURHOOD AUTO REPAIRS PBS2-603128/ACTIVE	3437 WHITE PLAINS RD BRONX NY 10467	0.24 SW	- 23	N/A
82	UST	GUN HILL HOUSES (PARKSIDE HOUS PBS2-473634/ACTIVE	731 MAGENTA ST BRONX NY 10467	0.25 SW	- 25	N/A

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

LUST

SEARCH ID: 104 **DIST/DIR:** 0.11 SW **ELEVATION:** 98 **MAP ID:** 31

NAME: NYC COMFORT STATION	REV: 4/5/12
ADDRESS: E GUN HILL RD and WHITE PLAINS RD	ID1: 0109651
BRONX NY	ID2: 196686
BRONX	STATUS: CLOSED
CONTACT:	PHONE:
SOURCE: NY DEC	

SITE INFORMATION

SPILL DATE:	1/4/2002
DATE REPORTED:	1/4/2002
CLOSED DATE:	2/5/2008
INSP DATE:	
MATERIAL SPILLED: 2 FUEL OIL	AMOUNT SPILLED: 0 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: NO	AIR: NO
INDOOR AIR: NO	GROUNDWATER: YES
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL:	TANK TEST FAILURE
WATERBODY AFFECTED:	
SOURCE OF SPILL:	INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY:	TANK TESTER
REGION:	
UST TRUST?	NO

SPILL INVESTIGATOR:	JAKOLLEE
SPILL CONTACT:	JAY GRAFF
TELEPHONE:	(718) 652-0591

SPILLER:	NYC PARKS DEPT
	GABE RAMOS
ADDRESS:	830 FIFTH AVENUE
	NEW YORK, NY 10035-
TELEPHONE:	

REPORTED BY:	TANK TESTER
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LAST DEC UPDATE:	5/8/2008
CLEAN UP MEET STANDARDS?	NO
PENALTY RECOMMENDED?	NO

CALLER REMARKS:	TANK FAILED TIGHTNESS TEST.
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DEC REMARKS:

02/05/08: This spill case transferred to J. Kolleeny. Reviewed 5/18/06 Request for Spill Closure by URS (in eDocs). Report indicates tank failed tightness test on Jan. 4, 2002, but passed a re-test on Jan. 15, 2002. In absence of any evidence of release to environment, this spill case is closed. - J. Kolleeny

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

LUST

SEARCH ID: 105 **DIST/DIR:** 0.11 SW **ELEVATION:** 98 **MAP ID:** 31

NAME: PARKS and REC BUILDING - TTF	REV: 4/5/12
ADDRESS: E GUN HILL RD and WHITE PLAINS RD	ID1: 0900240
BRONX NY	ID2: 412161
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NY DEC	

SITE INFORMATION

SPILL DATE:	4/7/2009
DATE REPORTED:	4/7/2009
CLOSED DATE:	
INSP DATE:	
MATERIAL SPILLED: 2 FUEL OIL	AMOUNT SPILLED:
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED:

RESOURCE AFFECTED

SOIL: NO	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL:	TANK TEST FAILURE
WATERBODY AFFECTED:	
SOURCE OF SPILL:	COMMERCIAL/INDUSTRIAL
REPORTED BY:	OTHER
REGION:	
UST TRUST?	NO

SPILL INVESTIGATOR:	BKFALVEY
SPILL CONTACT:	STEVE SPADALL
TELEPHONE:	(845) 222-4715

SPILLER: PARKS AND REC

ADDRESS: , NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE:	2/7/2011
CLEAN UP MEET STANDARDS?	NO
PENALTY RECOMMENDED?	NO

CALLER REMARKS: TANK FAILURE UNK AMOUNT SPILLED. STATES FAILURE MAY BE DO TO PROBLEM IN TOP OF TANK NOT IN THE LINES.

DEC REMARKS:

Sangesland spoke to Bob Laga at Franklin Company. Building is the Gun Hill Comfort Station - No PBS number listed There is no exact address, only: Intersection of East Gun Hill Rd and White Plains Rd. As of 8/10/2009 Mr. Laga says that the buried tank was taken out of service and a temp tank was installed. 2/7/2011- Sangesland spoke to Laura at Empire Environmental (718-714-6898) Empire just won the contract to change the tank at this site. They will pull the old tank, deal with any contamination issues, forward a report to Liro Engineering and then Liro will submit the closure report to DEC.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

*Environmental FirstSearch
Site Detail Report*

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

LUST

SEARCH ID: 105 **DIST/DIR:** 0.11 SW **ELEVATION:** 98 **MAP ID:** 31

NAME: PARKS and REC BUILDING - TTF
ADDRESS: E GUN HILL RD and WHITE PLAINS RD
BRONX NY
BRONX
CONTACT:
SOURCE: NY DEC

REV: 4/5/12
ID1: 0900240
ID2: 412161
STATUS: ACTIVE
PHONE:

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

LUST

SEARCH ID: 100 **DIST/DIR:** 0.12 NW **ELEVATION:** 62 **MAP ID:** 40

NAME: MANAGMENT CO	REV: 4/5/12
ADDRESS: 3555 OLINVILLE AVE	ID1: 0601035
BRONX NY	ID2: 363181
BRONX	STATUS: CLOSED
CONTACT:	PHONE:
SOURCE: NY DEC	

SITE INFORMATION

SPILL DATE:	4/27/2006
DATE REPORTED:	4/27/2006
CLOSED DATE:	1/8/2007
INSP DATE:	
MATERIAL SPILLED: 6 FUEL OIL	AMOUNT SPILLED: G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: TANK TESTER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: HRPATEL
SPILL CONTACT: ETCMANAGMENT
TELEPHONE: (212) 727-0800

SPILLER: MANAGMENT CO
ETCMANAGMENT
ADDRESS: 3555 OLINVILLE AVE
BRONX, NY
TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 1/11/2007
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS:

DEC REMARKS:

04/27/06-Hiralkumar Patel. PBS : 2-117609. from PBS records, owner s address: LINDVILLE HOUSING CO 3555 OLINVILLE AVE BRONX, NY 10467 (212) 881-4364 04/28/06-Hiralkumar Patel. Spoke to Jim (FAX: 631-321-4766) at Protest. they found dry leak and to find out which part is leaking, they are going to do isolation test on Wed. May 3, 2006. Spoke to Edmund Coviello, manager of property. he gave me his address as: Edmund Coviello ETC Management 71 West 23rd Street New York, NY 10010 PH. (212) 727-0700/0800 Ext. 106 FAX (212) 727-1648 TTF letter sent out to owner. faxed to owner and at Protest. 05/10/06-Hiralkumar Patel. Received fax from Jim. they did isolation test on 05/09/06 and found tank failed in test. Jim will be meeting with owner on 05/11/06 to discuss options. 05/26/06-Hiralkumar Patel. Received fax from Mr. Coviello from ETC Management. they have removed all 6 oil from tank and operating on temp tank and considering options with three different contractors. 05/30/06-Hiralkumar Patel. Received fax from John Leddy from Protest. 20000 gal UST failed tank only test and currently out of service. Left message for John. 06/02/06-Hiralkumar Patel. Received letter from Mr. Coviello from ETC Management which i have received through fax on 05/26/06. 06/06/06-Hiralkumar Patel. Received message from Ted from Protest. he hasn t heard from owner after he sent out proposal. 07/31/06-Hiralkumar Patel.

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

LUST

SEARCH ID: 100 **DIST/DIR:** 0.12 NW **ELEVATION:** 62 **MAP ID:** 40

NAME: MANAGMENT CO
ADDRESS: 3555 OLINVILLE AVE
BRONX NY
BRONX
CONTACT:
SOURCE: NY DEC

REV: 4/5/12
ID1: 0601035
ID2: 363181
STATUS: CLOSED
PHONE:

spoke with Mr. Coviello. he got proposal from different companies and in process of hiring someone. as per Mr. Coviello, tank has hole in it. Mr. Coviello will call back once he decide with contractor. 08/04/06-Hiralkumar Patel. received call from Mr. Coviello. he got proposal from Eastmond to install new tank inside old tank. Mr. Coviello mentioned that Eastmond has letter from DEC which approves this kind of installation. asked Mr. Coviello to fax that letter. received fax from Mr. Coviello. as per letter, department approved Eastmond proposal to insall steel plates inside current tank. this letter was issued on Jan. 7, 1998 by Paul Sausville, chief, bulk storage section at that time. left message for Mr. Coviello to call back. 08/07/06-Hiralkumar Patel. received message from Mr. Coviello. spoke with Mr. Coviello. explained him that as per the letter that he has from Eastmond, the Department had approved work of installing new steel plates inside old tank. but after repair work done tank must be tested thoroughly to confirm no loose welding anywhere. also asked to do furhter investigation to find out which part of tank had leak as tank failed tank-only test. Mr. Coviello will talk to Eastmond and will call back. 08/14/06-Hiralkumar Patel. spoke with Rene. he will call back with updates. 08/23/06-Hiralkumar Patel. spoke with Mr. Coviello. he will call back with information about where this tank leaking. 08/24/06-Hiralkumar Patel. received call from Kristin from USA Environmental. she asked about number of samples required by the Department as she is submitting proposal to owner. asked her to find out area of leakage in tank itself and if there is any holes in tank, then soil samples around tank and through bottom of tank. she will check with owner and will call back. 08/29/06-Hiralkumar Patel. received call from Mr. Coviello. he has hired USA Environmental for futher investigation and clean up work. 11/17/06-Hiralkumar Patel. spoke with Mr. Coviello. USA environmental is working at site and they will put new steel plates in current tank on monday 11/20/06. spoke with Kristin at USA environmental. they have t took any soil samples because during cleaning and inspection of tank, they found two small holes at top of tank. as per Kristin, when they reached at site, soil from top of the tank was excavated and is stock piled at site. asked Kristin to check that soil pile for any contamination as there were holes at top of tank. 12/11/06-Hiralkumar Patel. spoke with Kristin at USA environment. they have done work and will send final report once get paid. Kristin will fax result for soil sample from soil pile which was removed from top of tank. received sample analytical for soil taken from soil pile. no contamination found. spoke with Mr. Coviello. as per him, USA environment has done final tank test and found tight tank system. Mr. Coviello will send final report. 01/05/07-Hiralkumar Patel. spoke with Mr. Coviello. he will send copy of documents that he has from USA environment. 01/08/07-Hiralkumar Patel. received documents from Mr. Coviello. USA environment did tank repairing. no contamination found. case closed. sent NFA to Mr. Coviello.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

LUST

SEARCH ID: 88 **DIST/DIR:** 0.12 SW **ELEVATION:** 91 **MAP ID:** 38

NAME: EXXON 2634793	REV: 4/5/12
ADDRESS: 641 E GUNHILL RD	ID1: 0209518
BRONX NY	ID2: 268619
BRONX	STATUS: CLOSED
CONTACT:	PHONE:
SOURCE: NY DEC	

SITE INFORMATION

SPILL DATE:	12/16/2002
DATE REPORTED:	12/16/2002
CLOSED DATE:	10/2/2003
INSP DATE:	
MATERIAL SPILLED: GASOLINE	AMOUNT SPILLED: 0 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL:	TANK TEST FAILURE
WATERBODY AFFECTED:	
SOURCE OF SPILL:	GASOLINE STATION
REPORTED BY:	TANK TESTER
REGION:	
UST TRUST?	YES

SPILL INVESTIGATOR:	SIGONA
SPILL CONTACT:	DARRYL GOTTILLA
TELEPHONE:	(908) 523-6106

SPILLER:	EXXONMOBIL
	JOANNE WALLACH
ADDRESS:	3225 GALLOWS ROAD
	FAIRFAX, VA 22037-
TELEPHONE:	

REPORTED BY:	TANK TESTER
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LAST DEC UPDATE:	10/2/2003
CLEAN UP MEET STANDARDS?	NO
PENALTY RECOMMENDED?	NO

CALLER REMARKS:	ULLAGE FAILURE. THEY WILL REPAIR AND RETEST.
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DEC REMARKS:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

LUST

SEARCH ID: 91 **DIST/DIR:** 0.12 SW **ELEVATION:** 91 **MAP ID:** 38

NAME: EXXONMOBIL	REV: 4/5/12
ADDRESS: 641 E GUNHILL RD	ID1: 0305075
BRONX NY	ID2: 80415
BRONX	STATUS: CLOSED
CONTACT:	PHONE:
SOURCE: NY DEC	

SITE INFORMATION

SPILL DATE:	8/13/2003
DATE REPORTED:	8/13/2003
CLOSED DATE:	10/2/2003
INSP DATE:	
MATERIAL SPILLED: GASOLINE	AMOUNT SPILLED: 0 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL:	TANK FAILURE
WATERBODY AFFECTED:	
SOURCE OF SPILL:	GASOLINE STATION
REPORTED BY:	RESPONSIBLE PARTY
REGION:	
UST TRUST?	YES

SPILL INVESTIGATOR:	SIGONA
SPILL CONTACT:	DARRYL GOTTILLA
TELEPHONE:	(908) 523-6106

SPILLER:	EXXONMOBIL
	JOANNE WALLACH
ADDRESS:	3225 GALLOWS ROAD
	FAIRFAX, VA 22037-
TELEPHONE:	

REPORTED BY:	RESPONSIBLE PARTY
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LAST DEC UPDATE:	10/21/2004
CLEAN UP MEET STANDARDS?	NO
PENALTY RECOMMENDED?	NO

CALLER REMARKS: TEST RESULTS SHOWED THE INNER WALL OF THE TANK IS LEAKING INTO THE OUTER WALL OF THE TANK, THERE IS NO SPILL TO THE SOIL AT THIS TIME - PBS 2-188433, TANK 2 A 4,000 GALLON STEEL TANK

DEC REMARKS:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

LUST

SEARCH ID: 90 **DIST/DIR:** 0.12 SW **ELEVATION:** 95 **MAP ID:** 39

NAME: EXXONMOBIL	REV: 2/10/09
ADDRESS: 688 E GUNHILL RD	ID1: 8807470
BRONX NY 10467	ID2: 241880
BRONX	STATUS: HISTORIC-ACTIVE
CONTACT:	PHONE:
SOURCE: NY DEC	

SITE INFORMATION

SPILL DATE: 12/9/1988 **DATE REPORTED:** 12/9/1988
CLOSED DATE: **INSP DATE:**

MATERIAL SPILLED: GASOLINE **AMOUNT SPILLED:** 0 G
MATERIAL CLASS: PETROLEUM **AMOUNT RECOVERED:** 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: SHEEN ON WATER TABLE DISCOVERED DURING THE EXCAVATION, VACUUM TRUCK
DISPATCHED TO SITE.

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: JMROMMEL
SPILL CONTACT:
TELEPHONE:

SPILLER: EXXONMOBIL
JOANNE WALLACH
ADDRESS: 3225 GALLOWS ROAD
FAIRFAX, VA 22037-

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 2/19/2004
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL This spill case was reassigned from DEC (Sigona) to Rommel on 02/10/2004. This spill site cleanup has been consolidated under Spill No. 8807470.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch Site Detail Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 28 **DIST/DIR:** 0.02 SE **ELEVATION:** 96 **MAP ID:** 5

NAME: MANHOLE 23273	REV: 4/5/12
ADDRESS: WHITE PLAINS RD and E 212TH BRONX NY BRONX	ID1: 0001452
	ID2: 129128
CONTACT:	STATUS: CLOSED
SOURCE: NYSDEC	PHONE:

SITE INFORMATION

SPILL DATE:	5/4/2000
DATE REPORTED:	5/4/2000
CLOSED DATE:	3/23/2004
INSP DATE:	
MATERIAL SPILLED: DIELECTRIC FLUID	AMOUNT SPILLED: 1 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: JHOCONNE
SPILL CONTACT: TONY LOPEZ
TELEPHONE: (212) 580-6763

SPILLER: CON ED

ADDRESS: , NY

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 3/23/2004
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: DEFECTIVE CABLE ALLOWED 1 QT OF MATERIAL TO LEAK INTO MANHOLE CLEAN UP
 PENDING LAB RESULTS - CON ED SPILL 131219

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O CONNELL e2mis no. 131219: 1 quart dielectric fluid spill from blown joint in mh 23273. Oil on floor of manhole, no water in hole and no oil in sump. Cleanup will start as soon as results come back. Lab Sequence Number: 00-04414 PCB 2 ppm 5/5/00 The flush crew removed approx. (1) quart of unknown oil from the manhole, then the manhole was power washed twice. No solid debris was generated, the wash water was removed by the vactor truck. The crew found that the sewer had been previously sealed, The sump was concrete. Blown joint replaced 5/5/00 at 20:55 as per engineering records.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 28	DIST/DIR: 0.02 SE	ELEVATION: 96	MAP ID: 5
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NAME: MANHOLE 23273
ADDRESS: WHITE PLAINS RD and E 212TH
BRONX NY
BRONX
CONTACT:
SOURCE: NYSDEC

REV: 4/5/12
ID1: 0001452
ID2: 129128
STATUS: CLOSED
PHONE:

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 10 **DIST/DIR:** 0.05 NE **ELEVATION:** 97 **MAP ID:** 11

NAME: 3629 WHITE PLAINS RD	REV: 4/5/12
ADDRESS: 3629 WHITE PLAINS RD BRONX NY BRONX	ID1: 9411533 ID2: 108149
CONTACT:	STATUS: CLOSED
SOURCE: NYSDEC	PHONE:

SITE INFORMATION

SPILL DATE:	11/29/1994
DATE REPORTED:	11/29/1994
CLOSED DATE:	11/29/1994
INSP DATE:	
MATERIAL SPILLED: 2 FUEL OIL	AMOUNT SPILLED: 1 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: OTHER
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: KSTANG
SPILL CONTACT:
TELEPHONE:

SPILLER: WHITE PLAINS ASSOCIATION

ADDRESS: 3629 WHITE PLAINS RD
BRONX, NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 9/30/2004
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

CALLER REMARKS: VENT LINE CLOGGED- 1 PINT CAME OUT ON SIDE WALK. SENT OUT SPILL TEAM.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 35 **DIST/DIR:** 0.07 SW **ELEVATION:** 96 **MAP ID:** 17

NAME: PATRICK and SON AUTO REPAIR	REV: 4/5/12
ADDRESS: 3525 WHITE PLAINS RD	ID1: 9709435
BRONX NY	ID2: 170772
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NYSDEC	

SITE INFORMATION

SPILL DATE:	11/13/1997
DATE REPORTED:	11/13/1997
CLOSED DATE:	
INSP DATE:	
MATERIAL SPILLED: DIESEL	AMOUNT SPILLED: 0 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G
MATERIAL SPILLED: GASOLINE	AMOUNT SPILLED: 0 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: HOUSEKEEPING
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: aaobliga
SPILL CONTACT: PATRICK BOODOO
TELEPHONE: (718) 881-0177

SPILLER: WHITE PLAINS HOLDING CORP
 ALEX DYNNIKOV
ADDRESS: 3525 WHITE PLAINS ROAD
 BRONX, NY 10467-
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 1/6/2012
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: SOIL CONTAMINATION FOUND REMOVAL OF THREE 550 GALLON GASOLINE TANKS, AND THREE 550 GALLON DIESEL TANKS. APPROXIMATELY 40-50 YARDS OF SOIL TO BE STOCKPILED.

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 35 **DIST/DIR:** 0.07 SW **ELEVATION:** 96 **MAP ID:** 17

<p>NAME: PATRICK and SON AUTO REPAIR ADDRESS: 3525 WHITE PLAINS RD BRONX NY BRONX CONTACT: SOURCE: NYSDEC</p>	<p>REV: 4/5/12 ID1: 9709435 ID2: 170772 STATUS: ACTIVE PHONE:</p>
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DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT This Spill cleanup project has been reassigned from DEC (Sigona) to Rommel on 2/2/2004(diesel). This spill was reassigned from DEC Sigona to Rommel on January 7, 2004 (gasoline). DEC (Sigona) received a call from Romeo Santos completed report this week 1/5/98. Called (Sigona) from 718-641-4000, 120-08 liberty avenue, 2nd floor, Richmond Hill, N.Y. 11419. He will send the report to Sigona for review this week. 4/21/04-Vought-Spill transferred from Rommel to Vought. Received call Michael Ketwaru (718-881-0177) who is property owner and is looking to sell property. Sale was put on hold due to open spill. Ketwaru has file on hand and will send in copies to Vought. 5/18/04-Vought-Reveived UST Closure report received on 4/26/04 from Don Carlo(Romeo Santos 516-651-1138). Removal of six (550-gallon) gasoline USTs and one (300-gallon) gasoline UST. The tanks are located benarth concrete pavement in three separate locations within the middle of the commercial property facing south of White Plains Road . An area of contamination was located on the perimeter north group of 3 X550 gallons regular gasoline tank pit near the front end of the office service station within 6-8 depth of excavation after the tanks were removed. 30.60 tons of contaminated soil were removed from site. DEC requires 1)submission of a groundwater sample 2)site plan with all previous and current borings/wells 3)future analyticals to include MTBE. 5/18/04-Vought-Received message from Ketwaru (347-992-2965) requesting status of review. Vought returned call and will sent letter requiring the same. 8/13/04-Vought-Spoke with Mike Ketwaru and he is considering se/lling property. Vought referred to outstanding requirements of 5/18/04 and sent him another copy of letter and copy of contractor list. 9/23/05-File transferred from Vought to Obligado 9/5/06 - Obligado - Called Mr. Ketwaru. Inquired if he took ground water samples prior to selling property. He said no but the buyer did an environmental assessment. He gave me contact information for the developer. Melody Development, Inc. John Khani 223-17 Hempstead Ave Queens Village, NY 11429 (718) 454-1600 I called Mr. Khani to inquire about the site. He said they hired Hydrotech Environmental to deal with any environmental issues related to the site. I called Rachel Ataman at Hydrotech (631) 462-5866 and left message to call DEC. 9/6/06 - Obligado - Voicemail from Yash Saha at Hydrotech. She said to call Kathy at Hydrotech in Long Island. Called Kathy, left message to call DEC. 9/20/06 - Obligado - Called Kathy from Hydrotech. She will email me an assessment report prepared by Hydrotech in 2004. She doesn t know the current site status. I received the emailed report shortly after. Subsurface Investigation Report, by Hydro Tech Environmental, Corp, dated July 23, 2004, prepared for Mr. David Manesh. Using a geoprobe, 4 soil probes advanced, and 1 ground water probe installed. Lithology was gravely sand to 8 ft then a clay and sand mixture down to 20 ft in SP2. SB1, 3, and 4 had refusal between 8 and 14 ft, possibly due to compact clay. GRound water was found between 30 and 35 ft bgs. Notable soil results in ppb: SP-1 - 5560 toluene, 10500 ethlybenzene, 87000 xylene, 273,000 total VOCs SP-2 - 7344 xylenes, 239505 total VOCs SP-3 - ND (Collected inside garage footprint) SP-4 - 11300 ethlybenzene, 34000 xylene, 193423 total VOCs Ground WAter results in ppb: MW-1 - non-detect (This was an existing well on the sidewalk east of the site MW-2 - 3410 ethlybenzene, 5609 xylenes, 22452 total VOCs. 9/28/06 - Obligado - Called Melody developers. He said Mark Robbins will give me a call. Sent MELody Developers stipulation agreement with a 10/28/06 due date for signing. 10/16/06 - Obligado - Signed stipulation has been received and passed on to Lou Oliva. 10/17/06 - Obligado - STIP executed by Oliva 10/25/06 - Obligado - Received phone call from architect Sherwin. They plan to build a 2 story commercial building at the site, slab on grade. Informed him that ground water would have to be remediated, and a vapor barrier and sub-slab vent would be required. 11/1/06 - Obligado - Spoke to Eva, she inquired if she could email the IWP. Told her yes and that she should send the had copy as well. I would review within about a week. 11/3/06 - Obligado - Approved Investigation Work Plan. Emailed approval letter to Hydrotech, faxed and mailed to Melody Development. ISR due 1/4/07 2/2/07 - Obligado - Reviewed the investigation summary report. Addition delineation is needed to the northeast, downgradient of MW2 and MW6. Sent letter requiring additional ground water delineation. 2/6/07 - Obligado - After discussion with Rachel Ataman, agree that the results of the additional delineation could be submitted with a RAP. 4/18/07 - Obligado - RAP received. 5-10-07 - Obligado - reviewed RAP. Two additional wells were non-detect. The plume has been completely delineated. The RAP proposed Excavation of contaminated soil and ORC injection to treat ground water. The RAP does not say anything about development plans. Sent letter to Mr. Manesh requiring a RAP Addendum submission within 30 days with 1)future anticipated use of the site, 2)vapor mitigation system. Due date within 30 days of receipt. 5/11/07 - Obligado - Delivery confirmation. 6/28/07 - Obligado - Sent email to EVA jakobowski inquiring about overdue letter. 7/5/07 - Obligado - Received Email from Rachel Ataman inquiring about the RAP disapproval letter I sent. My client knows he would like to build residential but he does not have plans yet. Could we agree to install a vapor barrier but not provide you with the actual specs? I replied as follows - that I don t need the specific plans at this moment. I just need a commitment from the client in writing (as a RAP Addendum letter), that he will submit plans for vapor intrusion mitigation to the Department for approval prior to development. Also that according to the most recent Ocotober 2006 NYSDOH Vapor Intrusion Guidance, a vapor barrier alone is not sufficient to prevent vapor intrusion, and that a sub-slab depressurization system is also required. 9/11/07 - Obligado - Spoke to Eva, she said the owner did not have any development plans right now. I repeated the above. 9/21/07 - Obligado - Received RAP Addendum letter stating that a vapor intrusion mitigation plan will be submitted to the Department prior to development. I approved the RAP and sent an approval letter to Melody and an email pdf letter to Eva. 9/26/07 - Obligado - Received delivery confirmation, letter received by melody Development on 9/27/07. RAP implementation by 11/12/07. 4/11/08 - Obligado - Sent email to Rachel Ataman requesting status of remediation. 4/18/08 - Obligado - Spoke to Mark Robbins. I asked him the status of this project. He said he would contact his client and give me an update next Tuesday. I asked him if the RAP for soil excavation and ORC injection has been performed. He said no. This case has been referred to Legal for STIP violation 5/9/08 - Obligado- Receive from Legal cc of Consent Order sent to Melody Development, Inc. 5/20/08 - Obligado - Spoke to Paul Stewart. He said he has been retained by Melody Development. He wants to collect more data and submit a new RAP. I told him to submit a proposal by the Consent Order deadline. 6/12/08 - Obligado - Received proposal from Paul Stewart to do additional investigaiton - more wells and test pits. I sent email approval of the proposal. Required

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 35 **DIST/DIR:** 0.07 SW **ELEVATION:** 96 **MAP ID:** 17

NAME: PATRICK and SON AUTO REPAIR
ADDRESS: 3525 WHITE PLAINS RD
BRONX NY
BRONX
CONTACT:
SOURCE: NYSDEC

REV: 4/5/12
ID1: 9709435
ID2: 170772
STATUS: ACTIVE
PHONE:

submission of a revised RAP within 60 days. 7/22/08 - Obligado - Received voice mail from Paul Stewart. They have begun additional investigation work at the site. I called him back and left a message. 7/23/08 - Obligado - Spoke with Paul Stewart. They did several test pits and installed 3 monitoring wells at the site. They will return to the site to sample the wells. A new RAP will be submitted based on the findings by August 29, 2008. 9/5/08 - Obligado - Spoke with Paul Stewart. They've gotten all the results from the additional work. He asked for extension until September 12, 2008 for RAP. I granted the extension. 10/21/08 - Obligado - Reviewed a Revised RAP. The report documents additional investigation and proposes excavation of contaminated soil and ground water monitoring. According to the report, previously reported GW flow direction was incorrect, and flow is actually to the northwest. The plume has not been delineated in this direction and may be migrating off-site. Draft letter requiring additional delineation to the northwest (downgradient). 10/22/08 - Obligado - Sent letter to Melody Development and cc to Paul Stewart. 12/12/08 - Obligado - Received workplan for additional well install 12/17/08 - Obligado - Approved workplan, report due 60 days 3/4/09 - Obligado - Completed review of Investigation Report and RAP. I sent a letter to David Manesh approving delineation, but disapproving RAP and providing comments. RAP should be resubmitted within 30 days. Comment letter is in edocs. 6/30/09 - Obligado - Reviewed revised RAP, which addressed comments. RAP is for excavation down to 14 ft bgs. Endpoint samples will be collected. Shoring will be installed along white plains road. Chemical oxidants to be applied if residual contamination remains. A MW reinstallation will be submitted upon completion of excavation. Site will be redeveloped as 1 story commercial building with a sub grade garage. Plan includes contingency for vapor barrier/sub-slab depererizaiton depending on endpoint results. Sent Approval letter 12/17/09 - Obligado - No monitoring reports have been received or updates on remediation. Called Paul Stewart to inquire about site status. Received a call back from Paul Stewart. David Manesh has started excavating, but on the clean western portion of the property moving towards the east. Due to DOB and shoring issues, they had to temporarily shut down, but excavation has resumed and they would probably reach the hot spot next week. According to Paul Stewart, they located MW2 and sampled it. A monitoring report will be submitted by the end of the month. They also found a 275 gallon UST. Paul said they will get a licensed contractor to remove it. 1/7/10 - Obligado - Received a call from Paul Stewart. He visited the yesterday and they have completed the excavation. According to Paul, he was not on-site during any of the excavation and did not screen any soils with a PID or collect any endpoint samples. I went to the site to inspect. I found several violations of the RAP. No environmental technician or consultant was on-site. There was no screening soils, did not take endpoint samples, did not excavate the required depth to the water table, did not stockpile contaminated soil on sheeting. I spoke with the Site Supervisor - Azine Sayed 917-414-3665. He showed me disposal manifests. He was unaware of the requirements of the RAP. I told him they were in violation of the RAP and to stop excavating/and pouring foundations in the contaminated eastern portion. I told him I would send a letter listing violations. Additionally, according to AZine, they removed 3 USTs. He said a licensed contractor did the work. 1/8/10 - Obligado - Sent a notice of violation to David Manesh/Melody Development, in edocs. Required him to cease excavation/building on eastern portion and remove the concrete footings which were installed in contaminated area. Required that they provide documentation of proper closure and removal of USTs and update of registration. Required a HAZWOPER certified environmental professional be on-site during any work in contaminated area and that they proceed with work in accordance with the RAP. 1/13/10 - Obligado - I received a phone call from Paul Stewart. He said they excavated the northeastern portion of the site. They were able to excavate to an additional 8 ft deeper (approximately 18 ft bgs). They excavated an area about 20 ft by 40 ft. Along edge of property adjacent to neighboring building, below the foundation wall and footings he noticed at about 5 ft bgs there was grossly contaminated soil with water and oil globules seeping into the excavation. I told Paul I would like to inspect the site in the morning. 1/14/10 - Obligado - Met Paul Stewart at the site to inspect. Upon arrival, the 2 concrete footings and steel columns in the contaminated soil area were still there. Paul showed me the area they excavated. I informed him those 2 footings would have to be removed because there is additional contaminated soil that needs to be excavated according to Figure 5 of the RAP. He suggested before removing the footings/steel they should do several test pits around them to see. They dug 4 test pits in the eastern portion of the site. 2 of the test pits were heavily contaminated with black stained soil and high PID readings. GW was encountered approximately 4 to 7 ft below. Test pits further to the south and west were cleaner without stained soil, and bedrock was encountered at about 4 ft in the southeastern most test pit. Test pits confirmed the area of contamination shown of Figure 5 of the RAP. Based on test pits I instructed Mr. Sayed (the site supervisor) that the two footing/steel structures must be removed and additional contaminated soil area must be excavated down to the water table. He agreed and said they would begin on Monday 1/18/10. Additional the Paul had the excavator do a test pit to expose the oil seep which he described on the phone. Heavily contaminated soil was present beneath the wall footings and water with a sheen seeped out. In that area they will backfill with p-gravel and install a sump/well to see if free product accumulates. All test pits were backfilled. 1/20/10 - Obligado - I inspected the site again. Paul Stewart, David Manesh, and Mr. Sayed were on-site. According to Paul Stewart they have completed the excavation. They dug to clean or to the extent feasible. There is probably still contaminated soil undersidewalk and adjacent building. They sent endpoint samples for analysis and will provide me the results tomorrow. Mr. Manesh will not do any additional backfill until results are received and approved. We discussed the need for 3 additional wells in the source area subsequent to backfilling. Additionally, I told Mr. Manesh that a vapor barrier was required to cover the entire floor area. I also recommended installation of piping under the slab as a contingency to serve as either injection for gw reemediation or vent pipes for vapor evacuation. Mr. Manesh agreed. Paul Stewart will develop the plans and submit them to me. 3/1/10 - Obligado - I received an email from Paul Stewart. They have not done any work at the site since my last visit. Paul will prepare plans for the piping, barrier, and wells. According to Paul, Mr. Manesh is not planning on installing a foundation for several months. 5/4/11 - Obligado - I reviewed a site status report. I emailed a disapproval letter to Melody Development and Paul Stewart of ACT. Comments were as follows: Disposal Facility: According to the report, during December 2009, over 900 tons of non-hazardous soil were excavated from the Site and transported to an approved disposal facility in Long Pond, Pennsylvania. Neither the report, nor the waste manifests provide the name of this disposal facility. Please provide the name, contact information, and a copy of the state permit or license for this

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 35 **DIST/DIR:** 0.07 SW **ELEVATION:** 96 **MAP ID:** 17

NAME: PATRICK and SON AUTO REPAIR	REV: 4/5/12
ADDRESS: 3525 WHITE PLAINS RD	ID1: 9709435
BRONX NY	ID2: 170772
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NYSDEC	

disposal facility. Incomplete Waste Manifests: All the waste manifests are incomplete. None of the waste manifests provide the name of the waste disposal facility or the time and date that the material was received by the facility. Of the 27 waste manifests, 20 manifests were not signed as having been received by the disposal facility. Please provide completed waste manifests. Missing Soil Disposal Documentation: According to the report, between January 12 and January 19, 2010, ACT monitored additional soil excavation in the northeast portion of the site. No disposal documentation was provided for this additional excavated soil. Please provide waste manifests for this additional soil excavation. Endpoint Sample Results: Please provide tabulated sampling results, a map showing sampling locations, and a copy of the laboratory analytical report. Monitoring Wells and Groundwater Sampling: According to the report, 2 of the monitoring wells have been damaged or destroyed. These wells must be reinstalled. Also, according to the report, ground water was sampled for only BTEX and MTBE. The Department requires that all monitoring wells must be sampled on a quarterly basis for STARS list VOCs and SVOCs via EPA method 8260 and 8270. I required submission of above missing documentation within 30 days. 6/7/11 - Obligado - I received photodocumentation of the vapor barrier installation. 6/14/11 - Obligado - The Report Addendum is overdue. I sent an email to Mr. Manesh and Paul Stewart and required submission of overdue Report Addendum by the close of business 6/17/11. 7/7/11 - Obligado - Received a revised report. Approximately 2000 tons of soil were removed. 1000 initially, and approximately 1000 more after my site inspection revealed additional contaminated soil. The report contains a permit from the Township of Tobyhanna which is unacceptable. All the manifests were included and contained signatures, however the name of the disposal facility was not listed, only the address. The report is still unacceptable. 1/5/12 - Obligado - I received a phone call from David Manesh inquiring if the spill could be closed. I told him no, that they still needed to do additional sampling and there were still issues related to the soil disposal. I asked him if he knew where the soil went and he said no. He gave me the contact information of Eddie and U.S. National LLC (201) 852-4274 and (201) 964 - 0064. 1/6/12 - Obligado - I called Eddie and left a message on his voice mail regarding the soil disposal.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 34 **DIST/DIR:** 0.11 SW **ELEVATION:** 98 **MAP ID:** 31

NAME:	PARKS and REC BUILDING - TTF	REV:	4/5/12
ADDRESS:	E GUN HILL RD and WHITE PLAINS RD	ID1:	0900240
	BRONX NY	ID2:	412161
	BRONX	STATUS:	ACTIVE
CONTACT:		PHONE:	
SOURCE:	NYSDEC		

SITE INFORMATION

SPILL DATE:	4/7/2009	AMOUNT SPILLED:	
DATE REPORTED:	4/7/2009	AMOUNT RECOVERED:	
CLOSED DATE:			
INSP DATE:			
MATERIAL SPILLED:	2 FUEL OIL		
MATERIAL CLASS:	PETROLEUM		

RESOURCE AFFECTED

SOIL:	NO	AIR:	NO
INDOOR AIR:	NO	GROUNDWATER:	NO
SURFACE WATER:	NO	DRINKING WATER:	NO
SEWER:	NO	IMPERVIOUS SURFACE:	NO
SUBWAY:	NO	UNDERGROUND UTILITIES:	NO

CAUSE OF SPILL:	TANK TEST FAILURE
WATERBODY AFFECTED:	
SOURCE OF SPILL:	COMMERCIAL/INDUSTRIAL
REPORTED BY:	OTHER
REGION:	
UST TRUST?	NO

SPILL INVESTIGATOR:	BKFALVEY
SPILL CONTACT:	STEVE SPADALL
TELEPHONE:	(845) 222-4715

SPILLER: PARKS AND REC

ADDRESS: , NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE:	2/7/2011
CLEAN UP MEET STANDARDS?	NO
PENALTY RECOMMENDED?	NO

CALLER REMARKS: TANK FAILURE UNK AMOUNT SPILLED. STATES FAILURE MAY BE DO TO PROBLEM IN TOP OF TANK NOT IN THE LINES.

DEC REMARKS:

Sangesland spoke to Bob Laga at Franklin Company. Building is the Gun Hill Comfort Station - No PBS number listed There is no exact address, only: Intersection of East Gun Hill Rd and White Plains Rd. As of 8/10/2009 Mr. Laga says that the buried tank was taken out of service and a temp tank was installed. 2/7/2011- Sangesland spoke to Laura at Empire Environmental (718-714-6898) Empire just won the contract to change the tank at this site. They will pull the old tank, deal with any contamination issues, forward a report to Liro Engineering and then Liro will submit the closure report to DEC.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 34	DIST/DIR: 0.11 SW	ELEVATION: 98	MAP ID: 31
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NAME: PARKS and REC BUILDING - TTF
ADDRESS: E GUN HILL RD and WHITE PLAINS RD
BRONX NY
BRONX
CONTACT:
SOURCE: NYSDEC

REV: 4/5/12
ID1: 0900240
ID2: 412161
STATUS: ACTIVE
PHONE:

Environmental FirstSearch Site Detail Report

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 19 **DIST/DIR:** 0.12 SW **ELEVATION:** 95 **MAP ID:** 39

NAME: EXXON MOBIL	REV: 4/5/12
ADDRESS: 688 GUNHILL AVE	ID1: 0401158
BRONX NY	ID2: 242166
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NYSDEC	

SITE INFORMATION

SPILL DATE:	5/3/2004
DATE REPORTED:	5/3/2004
CLOSED DATE:	
INSP DATE:	
MATERIAL SPILLED: METHYL-TERT-BUTYL ETHER (MTBE)	AMOUNT SPILLED: 0 L
MATERIAL CLASS: HAZARDOUS MATERIAL	AMOUNT RECOVERED: 0 L

RESOURCE AFFECTED

SOIL: NO	AIR: NO
INDOOR AIR: NO	GROUNDWATER: YES
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: BHDAVIDS
SPILL CONTACT: FRANK MESSINA
TELEPHONE: (908) 730-2055

SPILLER: EXXON MOBIL
ADDRESS: FRANK MESSINA
688 GUNHILL AVE.
BRONX, NY
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 3/22/2012
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: FOUND MTBE AND BTEX IN GROUNDWATER SAMPLES. CLEAN UP WILL HAPPEN SOME TIME IN THE FUTURE.

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL contaminated groundwater letter sent to Joanne Wallach at Exxon Mobil Corp address Sampling on 4/9/09 showed 37900 ug/l Ethanol in addition to Betx. 4/28/10: spill 0909183 consolidated under this spill - J. Aversa 4/28/10 Current Status: Wells being installed 5/4/10 - 5/5/10 for air sparge pilot test. Phase II Site Assessment Report received 3/22/10 - B. Davidson Quarterly Monitoring Report received 6/21/10 - B. Davidson An SVE Feasibility Summary Report, summarizing the results of SVE testing performed in June, was received on August 23, 2010 - B. Davidson A Quarterly Monitoring Report was received on September 23, 2010 - B. Davidson The Department was notified that the site was transferred from ExxonMobil to Liberty Realty, LLC on 11/23/10. - B. Davidson A SSUR was received on 3/31/11 - B. Davidson Call with Arcadis 5/23/11 to discuss site status. SVE system is currently being designed. SSUR received 12/19/11. Site Status Update Report received 3/22/12.

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 19 **DIST/DIR:** 0.12 SW **ELEVATION:** 95 **MAP ID:** 39

NAME:	EXXON MOBIL	REV:	4/5/12
ADDRESS:	688 GUNHILL AVE	ID1:	0401158
	BRONX NY	ID2:	242166
	BRONX	STATUS:	ACTIVE
CONTACT:		PHONE:	
SOURCE:	NYSDEC		

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

UST

SEARCH ID: 45 **DIST/DIR:** 0.02 SE **ELEVATION:** 95 **MAP ID:** 6

NAME: 3578 WHITE PLAINS RD	REV: 4/5/12
ADDRESS: 3578 WHITE PLAINS RD	ID1: PBS2-062316
BRONX NY 10470	ID2:
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NY DEC	

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 2002/02/05

CONTACT INFORMATION

COMPANY NAME: MANUEL and NATALIA MARTINEZ
CONTACT :

2520 HONE AVE
BRONX,NY, 10469

(212) 655-0956

COMPANY NAME: MANUEL and NATALIA MARTINEZ
CONTACT : MANUEL MARTINEZ

,NN,

(212) 655-0956

COMPANY NAME: 3578 WHITE PLAINS RD
CONTACT : MANUEL MARTINEZ

,NN,

(212) 655-2956

TANK INFORMATION

TANK NUMBER: 001	TANK ID: 2198
TANKS STATUS: IN SERVICE	INSTALL DATE: 12/1/1965
CAPACITY(GAL): 1500	DATE OF TEST: 11/1/1996
NEXT TEST: 11/1/2001	CLOSED DATE:
REGISTERED: YES	TANK TYPE: STEEL/CARBON STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS	

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER: 001	TANK STATUS: IN SERVICE
ACTIVE STATUS: ACTIVE	INSTALLED: 12/1/1965
CLOSED:	TANK CAPACITY: 1500 GALLONS
PRODUCT: 2 FUEL OIL	

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

UST

SEARCH ID: 45 **DIST/DIR:** 0.02 SE **ELEVATION:** 95 **MAP ID:** 6

NAME: 3578 WHITE PLAINS RD	REV: 4/5/12
ADDRESS: 3578 WHITE PLAINS RD	ID1: PBS2-062316
BRONX NY 10470	ID2:
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NY DEC	

TANK TYPE:	STEEL/CARBON STEEL/IRON
TANK LOCATION:	UNDERGROUND
INTERNAL PROTECTION:	NONE
EXTERNAL PROTECTION:	NONE
EXTERNAL PROTECTION 2:	

PIPE TYPE:	GALVANIZED STEEL
PIPE LOCATION:	NO PIPING
EXTERNAL PROTECTION:	NONE
EXTERNAL PROTECTION 2:	

SECONDARY CONTAINMENT:	NONE
SECONDARY CONTAINMENT 2:	
LEAK DETECTION:	IN-TANK SYSTEM (ATG)
LEAK DETECTION 2:	

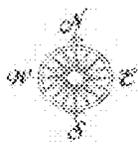
OVERFILL PROTECTION:	PRODUCT LEVEL GAUGE (A/G)
OVERFILL PROTECTION 2:	
DISPENSER:	SUCTION
SPILL PREVENTION:	
DATE TESTED:	11/1/1996
NEXT TEST:	11/1/2001
TEST METHOD:	PETRO-TITE/PETRO COMP

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 3560 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

Street Name	Dist/Dir	Street Name	Dist/Dir
Barker Ave	0.24 SW		
Barnes Ave	0.23 NE		
Bronx Blvd	0.14 NW		
Bronx River Pky	0.20 NW		
Capuchin Way	0.21 SE		
Carlisle Pl	0.15 SE		
Cruger Ave	0.25 SE		
Donofrio Sq	0.05 NE		
Duncomb Ave	0.02 SE		
E 211th St	0.05 SW		
E 212th St	0.02 SE		
E 213th St	0.05 NE		
E 214th St	0.09 NE		
E 215th St	0.15 NE		
E 216th St	0.21 NE		
E Gun Hill Rd	0.09 SW		
Holland Ave	0.10 SE		
Magenta St	0.25 SE		
Olinville Ave	0.09 NW		
Tilden St	0.14 SE		
Wallace Ave	0.21 SE		
White Plains Rd	0.02 SE		
Willett Ave	0.04 NW		



Environmental FirstSearch

.5 Mile Radius
AAI: Multiple Databases

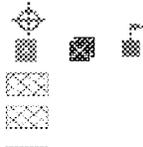


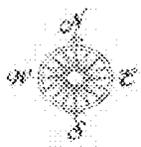
3560 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.878782 Longitude: -73.865565)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





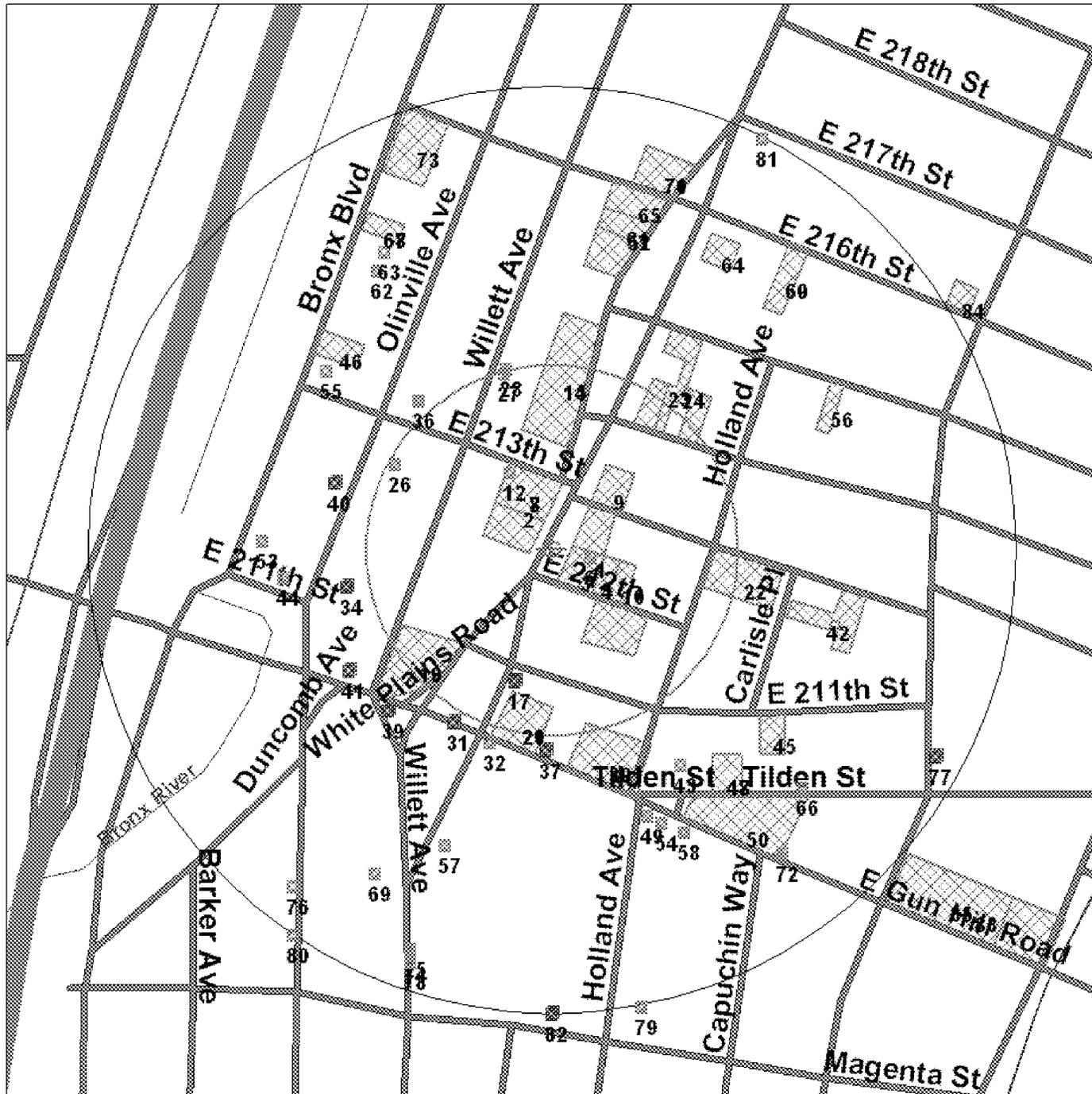
Environmental FirstSearch

.25 Mile Radius

AAI: RCRA GEN, UST, SPILLS80

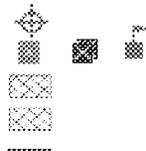


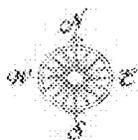
3560 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.878782 Longitude: -73.865565)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



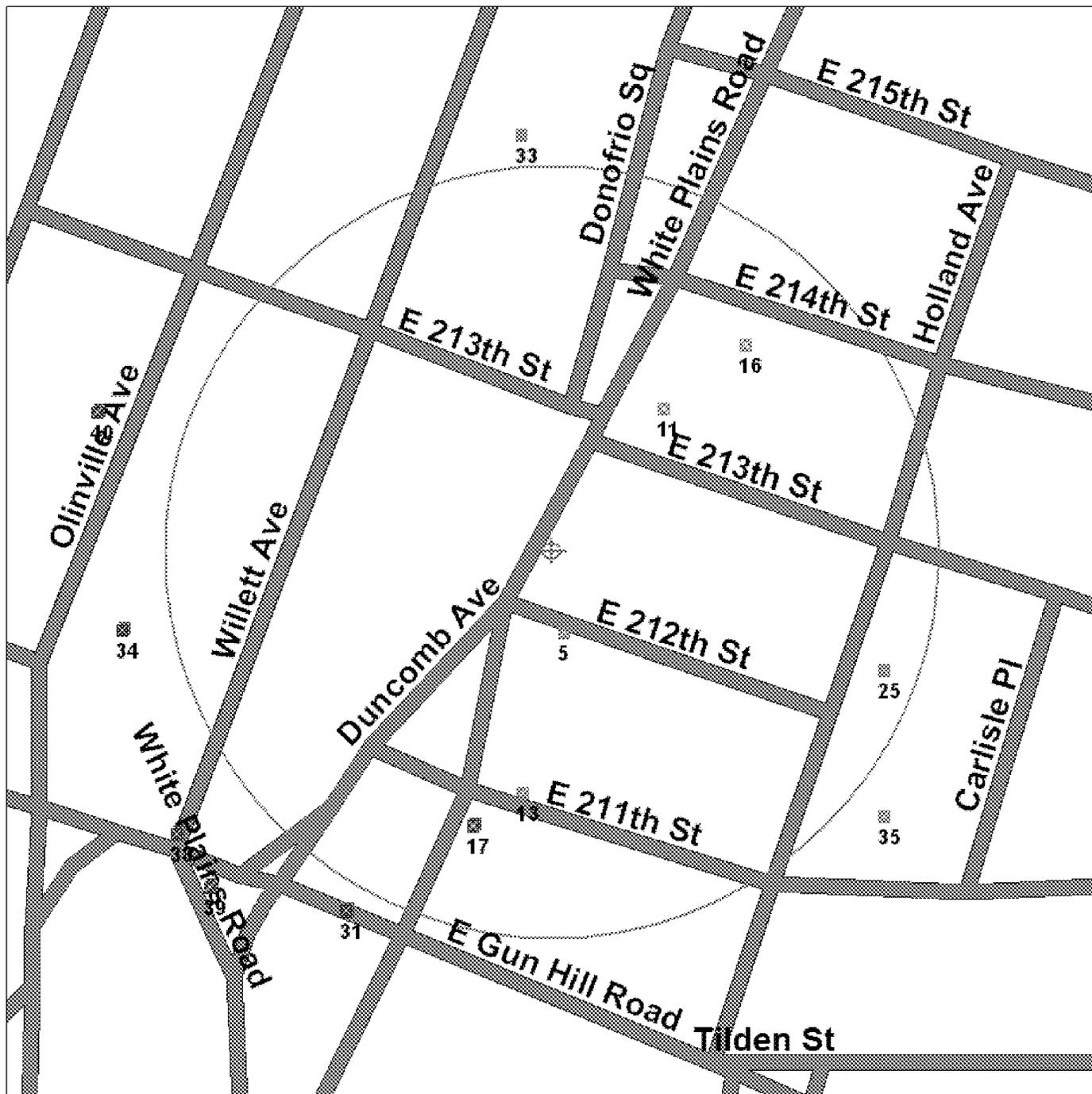


Environmental FirstSearch

.12 Mile Radius
AAI: SPILLS90, ERNS

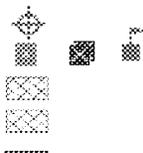


3560 WHITE PLAINS ROAD, BRONX NY 10467

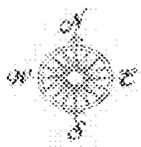


Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.878782 Longitude: -73.865565)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand
- Railroads



Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

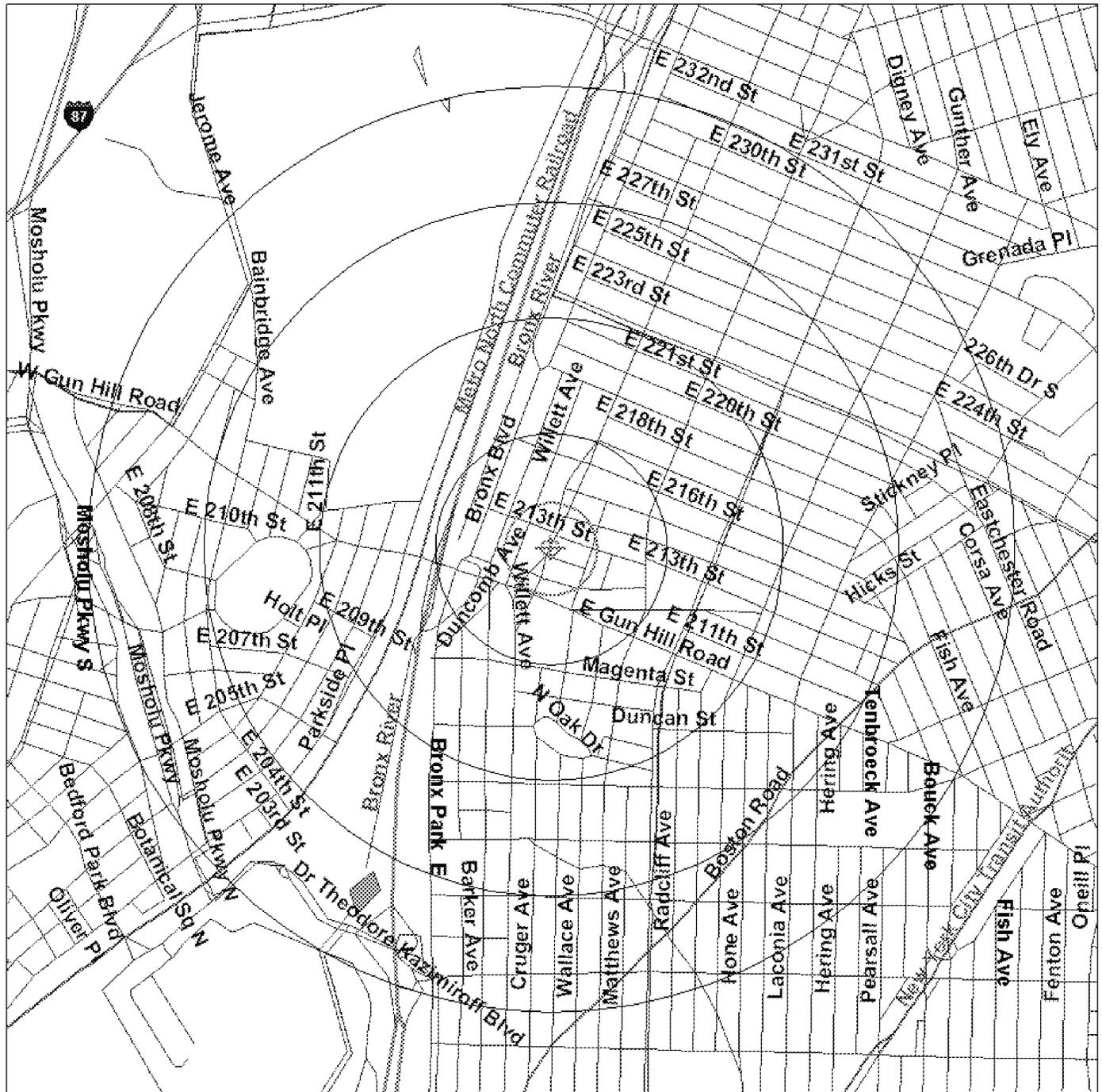


Environmental FirstSearch

1 Mile Radius
ASTM Map: NPL, RCACOR, STATE Sites

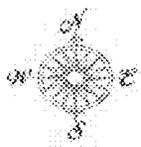


3560 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.878782 Longitude: -73.865565)
 - Identified Site, Multiple Sites, Receptor
 - NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand
 - Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



Environmental FirstSearch

.5 Mile Radius
ASTM Map: CERCLIS, RCRATSD, LUST, SWL

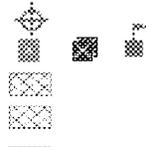


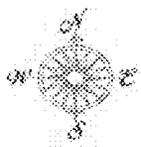
3560 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.878782 Longitude: -73.865565)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





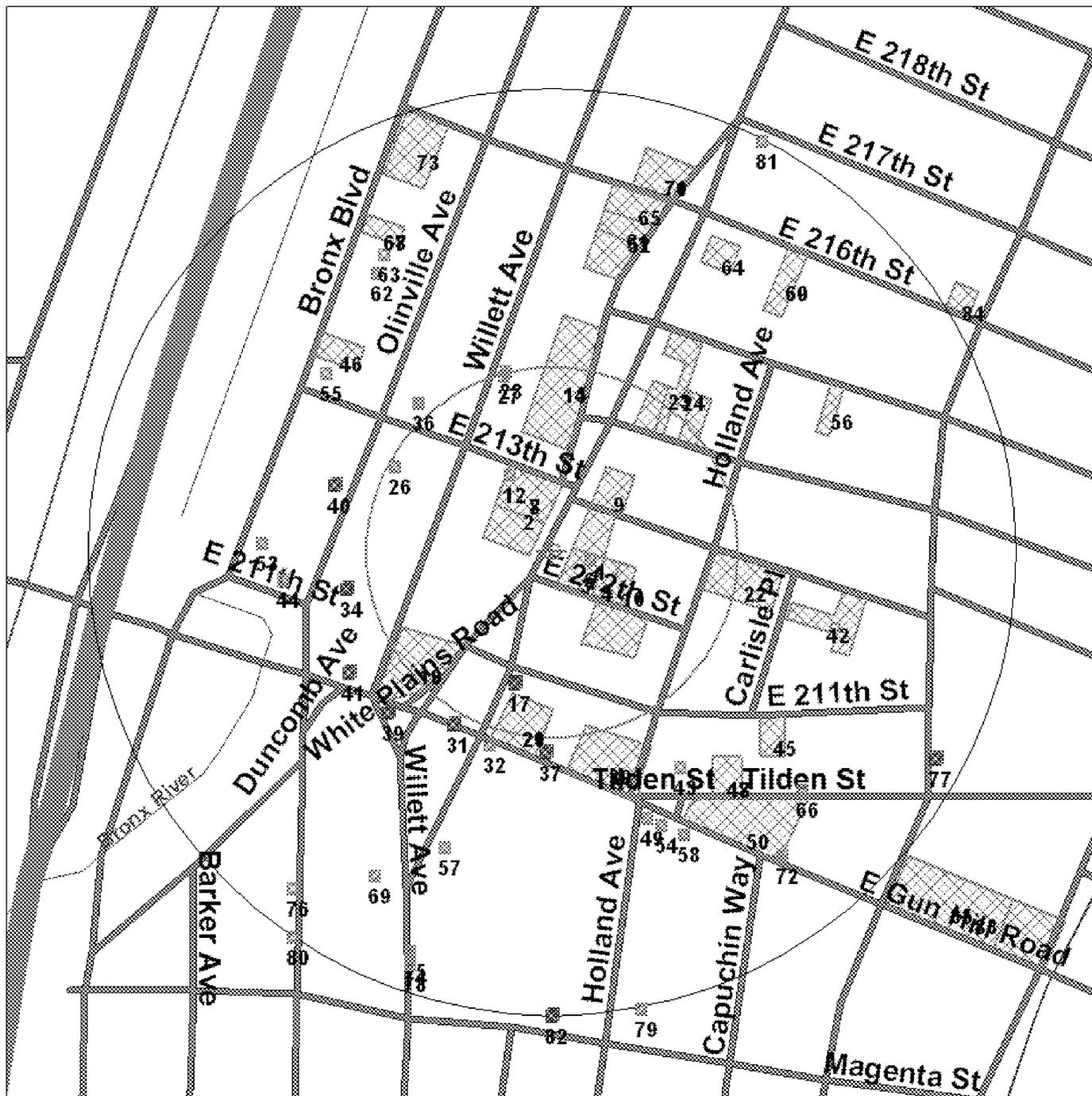
Environmental FirstSearch

.25 Mile Radius

ASTM Map: RC RAGEN, ERNS, UST, FED IC/EC, METH LABS



3560 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.878782 Longitude: -73.865565)
- Identified Site, Multiple Sites, Receptor
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Triballand
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

HISTORICAL RESEARCH DOCUMENTATION (INCLUDING SANBORN FIRE INSURANCE MAPS,
COLES AND TELEPHONE ADDRESS DIRECTORY INFORMATION, ETC..)

CITY DIRECTORY REVIEW

Report Date: May 15, 2012
 Client Job Number: 12-540
 FirstSearch Index Number: 315077
 Site Address(es): 3510-3516 White Plains Road
 700 East 211th Street
 Bronx, NY 10467

A search was conducted for the subject area noted above to identify any Historical City Directory coverage/tenant information maintained at national repositories, local city/town libraries and/or various public sources.

T The following information is the result of the search:

YEAR / SOURCE	CLOSEST LOWER ADDRESS LISTINGS	SUBJECT ADDRESS(ES)	CLOSEST UPPER ADDRESS LISTINGS
2008/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)
2004/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)
1999-2000/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)
1996-1997/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)
1990-1991/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)

Notes:

No further coverage available

3444	William Mancuso	71	894-2841
3445	Frank J Mancuso	71	894-2842
3446	Anthony Bar	88	454-2728
3447	Giuseppe Gioia	87	201-7328
3448	Yara	88	854-5413
3449	Thomas A. Weber	88	854-2171
3450	Magdalena Ross	88	854-2888
3451	A. Serrano	87	882-4470
3452	John J. Serrano	84	882-4183
3453	Robert F. Smith	83	882-4384
3454	Norm M. Spina	83	881-2719
3455	Marion Vincent	88	478-7825
3456	William Walker	77	202-7758
3457	David Waxberg	72	847-2832
3458	City Fish Center Dev	22	852-6770
3459	Joseph Robinson	81	852-4784
3460	Gay Youth Ch. Soc	99	798-2462
3461	Sam Hill Pkg Dept	81	861-8318
3462	Silver Hill Vry	87	547-6358
3463	Yasun Discosom	85	847-2854
3464	White Flea Col Shop	94	855-1887
3465	Gun Hill Fish Mkt	91	852-6278
3466	Museum Cleaners	88	547-8254
3467	Kims Fruit Market	83	881-7887
3468	Shack M&S Offices	92	853-8888
3469	Bellevue Ch. Soc	22	883-3170
3470	Frank Pigo Writers	22	855-5511
3471	African Hair Bridg	87	885-8283
3472	Sand Jewelry	88	854-7315
3473	E and J Discount	96	547-1488
3474	F to D's Grocery	71	881-8878
3475	Joener Nails	83	881-4863
3476	Plain Hills Inc	98	403-5488
3477	Vibes Restaurant	97	515-8539
3478	White Hand Dry Inc	96	853-8329
3479	Lanny's Yum Yum	98	547-3217
3480	Patrick & Son Inc	87	881-8177
E 210TH ST INTS			
3481	White Plus Di Grad	84	798-1587
3482	Diane Hodge	85	547-8851
3483	Peter Labouch	22	405-1486
3484	E. Scott-Burnitt	88	655-8719
3485	Hill St Video Inc	87	881-8858
E 215TH ST INTS			
3486	Mauro Casco	96	547-8750
3487	Augustine Kelly	87	854-8854
3488	Ismael Kone	22	552-2856
3489	Sylvia Adams	22	852-8286
3490	Miriam Sussman	84	547-1289
3491	African Mkt Sport	88	832-1888
3492	Beverly Corp&Mgmt	88	832-1888
3493	Edward Nutrat Corp	82	405-6283
3494	M. Cotto	88	547-7184
3495	John Murphy	82	515-4786
3496	Five Art Shop	84	882-6737
3497	Golden Dight Grobs	37	815-3788
3498	Building		
3499	Scot & Cascol	87	881-8301
3500	Marion Duran	89	201-3187
3501	Three C Bus Motus	78	885-8148
3502	Mail Sales	87	231-8820
3503	Jackman Mort Tax	94	515-7828
3504	Labac	88	815-7828
3505	Sox Fashion	98	853-8567
3506	U S Fashion	88	854-6785
E 212TH ST INTS			
3507	Angela A DDS	231-1088	
3508	Ann Stella Art	88	554-8288
3509	Barnes A Art	88	851-7880
3510	Bowant	22	855-8888
3511	Drop Zone Entrepr	22	515-8890
3512	Five Fare Sprmkt	82	231-1180
3513	Home Buyers Gtry	88	515-8255
3514	James Patrick H	88	854-4888
3515	Law Office Wey G	84	854-5788
3516	Merrill H Est	22	518-1588
3517	Merrill H Est	22	852-5281
3518	Rio Wly Rity Corp	22	882-6888
3519	The Firm Stella	87	854-4288
3520	United Temp Amer	98	798-9488
3521	White Plus Rd Grp	86	855-6488
3522	Rita Glt Shop	88	882-8877
3523	Golden Touch	98	852-5114
3524	Levy Mty Corp	98	853-1588
3525	New Castle Realty	98	853-8878
3526	Transameric	22	853-8878
3527	King Mail Vll	97	847-8488
3528	Rox Beauty Supply	94	515-3585
3529	A. May Pump Dev	87	547-4288
3530	Murray Studio	87	547-4288
3531	Team Hbr Spl Cst	73	854-8271
3532	African Fashion	87	855-8787
3533	Approved Inv. Corp	98	882-3185
3534	Latin Brokerage	84	855-8585
3535	Erwin Baum	98	231-8727
3536	Donald C W Tax Soc	83	547-8831
3537	Stones Court Co	88	231-8118

3538	James Serrano	87	882-4470
3539	Dicky Barber	86	881-8281
3540	London Td New Ch	91	188-8153
3541	Norman Sher	87	882-4281
3542	Aggie Lopez	77	798-2858
3543	Sharon Sposonovich	87	202-7758
3544	Car Man Inc	81	515-8281
3545	Lynn F C Malone	72	881-7278
3546	Mattie E C Leggett	72	518-8871
3547	Shirley Hester	82	885-8488
3548	McKinn Inc	87	885-1778
3549	Karen A DeBorja	22	887-8888
3550	Ray M S Nam	88	231-2114
3551	Ray M S Nam	83	405-8883
3552	Ray M S Nam	83	882-8288
3553	Ruggiero Bros	88	518-8883
3554	Franky Afron Mkt	88	852-9177
3555	Loak Your Ref City	85	515-3183
3556	Wooden Barber Shop	87	231-7831
3557	Wanna Catering	83	231-5178
3558	Wanna Catering	22	854-8144
3559	Maria Funding Corp	83	855-8788
3560	Wayco Realty	83	405-8888
3561	Marcia Barry	88	851-2841
3562	Narciso Gary Inc	88	851-2841
3563	Burhan Ming	83	855-2828
3564	Norman Cummings	83	515-3714
3565	MC Intush Ch Inc	87	885-2827
3566	Alice Rose	88	881-8882
3567	All Hope Brokerage	88	881-8882
3568	College Gas Fedis	88	547-1887
3569	Let It Shn Meany	88	231-8888
3570	Moonlight Nat Est	82	547-3033
3571	R S Auto Prcnal	87	515-8358
3572	Clifford James	85	481-5787
3573	Stephen Kelly	81	654-8887
3574	Starlight Bty Sls	87	547-8871
3575	Steven Cowans	87	328-8887
3576	Bailony Realty	87	852-2838
3577	High Noon Video	87	854-8884
3578	Jamaica Air Expres	91	515-8815
3579	Pro Copy	81	882-8888
3580	Profile Press Co	98	854-8179
3581	Rhmar Electric	22	853-9782
3582	Knowings Curtis	83	318-9188
3583	Be-Mack Wrtten Cpy	85	515-8188
3584	Dan DumbFign Car	85	515-8188
E 218TH ST INTS			
3585	Lead Inc	86	231-8588
3586	El Rancho Motel	73	798-8888
3587	Nolan Luer	97	881-8135
3588	Huan S Jin	85	518-8812
3589	Denis Tutman	83	854-3179
3590	Milton Tutman	82	547-4288
3591	Palma Frwship Inc	78	547-8288
3592	Emmanuel Bapt Ch	72	854-5287
3593	Evangel Bapt Ch Gns	83	553-2788
3594	Evangel Btst Child	85	515-4588
3595	Arnold Harrison	98	853-8888
3596	John A Chandler	22	518-1588
3597	Chany Beauty Salon	81	515-2813
3598	Jorge Manero	88	405-7224
3599	Arizo Restrt&Org	98	882-5188
3600	Joseph Carter	85	405-5188
3601	Antonio Frmas	22	405-5078
3602	John Oviedo	22	852-8258
3603	Barry's Shoe Fasha	89	847-8554
3604	Everest Mgmt&Dev	88	881-5276
3605	Lighthouse Bap	88	852-8812
3606	W P Rainbow	88	855-2228
3607	Met Ford	88	518-9888
3608	Rose Auguste	87	405-8888
3609	Linda DeBard	22	851-7878
3610	Randolph Glenn	22	231-2881
3611	Bobby Giacommo	87	828-1388
3612	Larry Brown	87	854-4884
3613	Judy Curry	22	798-7244
3614	Sylvia Estad	87	515-8823
3615	E. Fox	87	547-8488
3616	Matteo Fossati	98	547-8923
3617	Gilbert Garcia	22	882-7877
3618	Harold Hargrave	87	547-8487
3619	Editha Herrera	22	231-3883
3620	Margaret Tommy	22	798-7088
3621	Joseph Leary	88	853-8683
3622	V. Lewis	87	882-7425
3623	Sharon Mark	87	547-8388
3624	Colter Muroz	87	547-4885
3625	Jose Pagan	98	547-8835
3626	James Rosach	98	515-8338
3627	Manoq Rodriguez	22	882-1188
3628	Dennis Rosano	22	853-4278
3629	S. Springfield	87	515-8742
3630	Richard Trues	98	855-8231
3631	Quatre White	87	547-3385
3632	Alexander Woods	87	882-8888

3633	Carl Honek Bros	85	887-8884
3634	St V. State Insurce	87	887-8884
3635	James A. Piro ME	88	881-8881
3636	Shak Long St Jan	88	881-8881
3637	A. Fred Chokson	83	852-1888
3638	Samuel Mackler	88	547-2831
3639	The Laundry Servis	18	854-7881
3640	Frank's Mizeria	85	201-7381
3641	119 Street Fish Mkt	88	851-4518
3642	Clyde Health Serv	87	881-8888
3643	Jagdish Prcpt Inc	88	881-4818
3644	Marion Allen Truss	88	882-7871
3645	Alan Grocery Store	93	854-4713
3646	CSL Coching No 2	88	888-8888
3647	Greene Whokler So		
3648	Building	88	547-1774
3649	African Widows	87	854-7285
3650	BB Dier Bty Suppl	87	852-4888
3651	Gold Coast Trading		
E 210TH ST INTS			
E 218TH ST INTS			
3652	Green Land Bldg	88	518-7531
3653	Condorella Hse Bty	88	547-8811
3654	Mary Lindwood	87	518-8711
3655	Joan Ruff	83	547-8128
3656	Ain Frank J	98	854-8488
3657	Dawn Roy ShtkSpa	84	882-1823
3658	Lois Saccorony		
3659	Purity Foods	83	231-8488
3660	Mobile Home&Kicks	82	798-7888
3661	P&C Hair Care Ctr	98	231-8888
3662	M & D Thrift Shop	22	853-8881
3663	Total Beauty	87	515-1788
3664	Cake Factory	88	853-9311
3665	C. Wilsons	22	518-8833
E 220TH ST INTS			
3666	Chase Manhattan Bk	87	885-8888
3667	Star Tress Ctr	18	798-8481
3668	Star Tress Frnt	94	388-1811
3669	Pinch A Penny Mkt	98	515-4411
3670	Abner Mitchell	88	515-7821
3671	Choi&Sons Bakery	78	858-8721
3672	Maria Equat	87	231-8888
3673	Bamba Trute	88	798-8833
3674	Fan-O-Matic Lndrmt	83	852-8841
3675	Alma Cash	22	405-8841
3676	E. Williams	84	853-1884
3677	B&B Incom Tax Serv	88	881-4411
3678	M. Rosner	22	882-3884
3679	Personal Emp Serv	88	882-1884
3680	Plippe Realty Inc	78	854-8888
3681	Annita Ball	81	547-1884
3682	Michael Casco	22	881-8884
3683	McDell Fwrd&Sbr	85	882-4884
3684	F & S Jewellers	84	854-5884
3685	K & S Jewellers	88	854-5884
3686	First Master Barb	83	852-1884
3687	Peggy's Home Bty	82	847-8884
3688	Mary Frances	88	518-8884
3689	Liz Orens	22	853-2884
3690	Huggins Currie Box	98	518-2884
3691	Munich Print Ch	88	518-2884
3692	Edward L. Jacobs	88	851-8884
3693	Polka Jumbo	22	518-1884
3694	Melitan Fashion	88	853-3884
3695	Jan Wilkins	87	852-3884
3696	J&M Beauty Palace	87	855-8884
E 221ST ST INTS			
3697	AJ Palace	88	855-3884
3698	Prints Farm Ring	74	855-3884
E 222ND ST INTS			
3699	Agurments		
3700	S. Colman	88	231-8884
3701	Crystal Leak	87	547-8884
3702	Bronx Hm Entrepr	74	547-8884
3703	Stephan Inc Strge	79	855-8884
3704	Synthetic Cleaners	854-8884	
3705	Froggy Furn&Dcrg	847-8884	
3706	Exclusive Design	22	855-8884
3707	Sight&Fashn Optic	72	852-8884
3708	Waltham Elec Corp	98	231-8884
E 223RD ST INTS			
3709	Jose's Grocery	89	855-8884
3710	Rite Aid Express	88	852-8884
3711	Rite Aid Express	98	852-8884
3712	Rite Aid Pharmacy	87	852-8884
3713	Imy Afron H. Bridg	98	515-8884
3714	Fortune Grdn Chin	85	855-8884
3715	Fortune Grdn Chin	85	855-8884
3716	Ola Azon	88	547-8884
3717	Arroz Oia CPA	88	882-8884
3718	Compassionate Inc	98	854-8884
3719	Foremost Bty Corp	98	854-8884
3720	Homoprid Realty	22	882-8884
3721	Dia Arroz PC Arty	88	882-8884
3722	City-Wld Nres Inc	88	882-8884

COLE'S

1966-1967 EDITION

Table listing real estate listings with columns for address, price, and agent information.

Table listing real estate listings with columns for address, price, and agent information.

Table listing real estate listings with columns for address, price, and agent information.

Table listing real estate listings with columns for address, price, and agent information.

Table listing real estate listings with columns for address, price, and agent information.

80 400-2200
 81 400-2200
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CITY DIRECTORIES

3560 Ori Pharmacy Inc.....	881-8553
3562 Wmsbrdg Travl Svce Inc	547-6500
3564 AM Happyland Discount Childrens Wear	652-0023
3564B Richie's Gift Center	654-0577
3565 Mike & Son's Auto Repr Inc	882-3492
3568 Disky Barber Shop	655-0144
3570 Fays Luncheonette	881-4983

1985

4560 Apex Investigation & Security Co Inc	654-6200
3562 Pan Amer Airways	652-1789
3562 Wmsbrdg Travl Svce Inc	KI 7-6500
3564 Peacock Paint & Hardware Supl Corp	654-2212
4565 Service Garage Co	882-0442
3565 Service Garage Co	TU 2-3003
4566 Murray Studios	KI 7-4200
3568 Blu's Best Furniture	655-6110
3570 Ham Ham Club	655-9885

1975

3560 State Wide Insurance Co— Bronx Office	KI 7-8200
3562 Afferi&Gaudio Agency Inc	OL 4-8000
3562 Wmsbrdg Travl Svce	KI 7-6500
3564 White Plains Decoratives Inc paints & hrdwr	TU 1-6250
3565 Service Garage Co	655-9984
3565 Service Garage Co	TU 2-3003
3566 Murray Studios	KI 7-4200
3568 Wolk&Geller Laundromat	OL 5-6053
3570 Pete's Fine Floor Covering Corp	AD 1-2150

1965

CITY DIRECTORIES

3560 Joy Apparel Shoppe ----- D6 OL in 4-8520
3564 Pe-Ly-On Wholesale Drugs; 54 TUII 2-5566
3565 Service Garage Co ----- J9 King 7-3636
3565 Service Garage Co ----- J5 OLin 5-9174
3566 Ruderman Irving ----- Indmt 55 OLin 5-6053
3570 Nass Morris ----- fir covrgs W9 OLin 5-7877

1955

3560 Burstiner Max ----- procr J2 OL in 2-4289
3562 Watkins J R Co ----- Name Req J2 OL in 2-1020
3564 Gun Hill Tobacco & Candy Co ----- D1 OL in 5-0778
3565 Service Garage Co ----- D4 OLin 5-8732
3570 Greenstein J ----- crpts J0 OL in 5-7877
3570 Nass Morris ----- fir covrgs W9 OL in 5-7877

1945

3560 Bursteiner M ----- OL in 2-0203
3564 Garma Holding Corp Inc ----- proc OL in 2-4289
3565 Excel Garage ----- pastry W2 OL in 2-0960
3570 Nass Morris ----- S3 OL in 2-1642
3570 Nass Morris ----- floor coverings ES ta 8-1004

1935

CITY DIRECTORIES

**701 White Plains Dresses
Inc 882-5967**

1985

701 Ritz Dresses 655-9627
701 Ritz Dresses KI 7-2262

1975

701 Davco Embroidery Co. KI 7-3353
701 Ritz Dresses A1-King 7-2262

1965

CITY DIRECTORIES

701 G. M. Embroidery Corp. A1 OL in 4-8160
701 Ritz Dresses A1 King 7-2252

1955

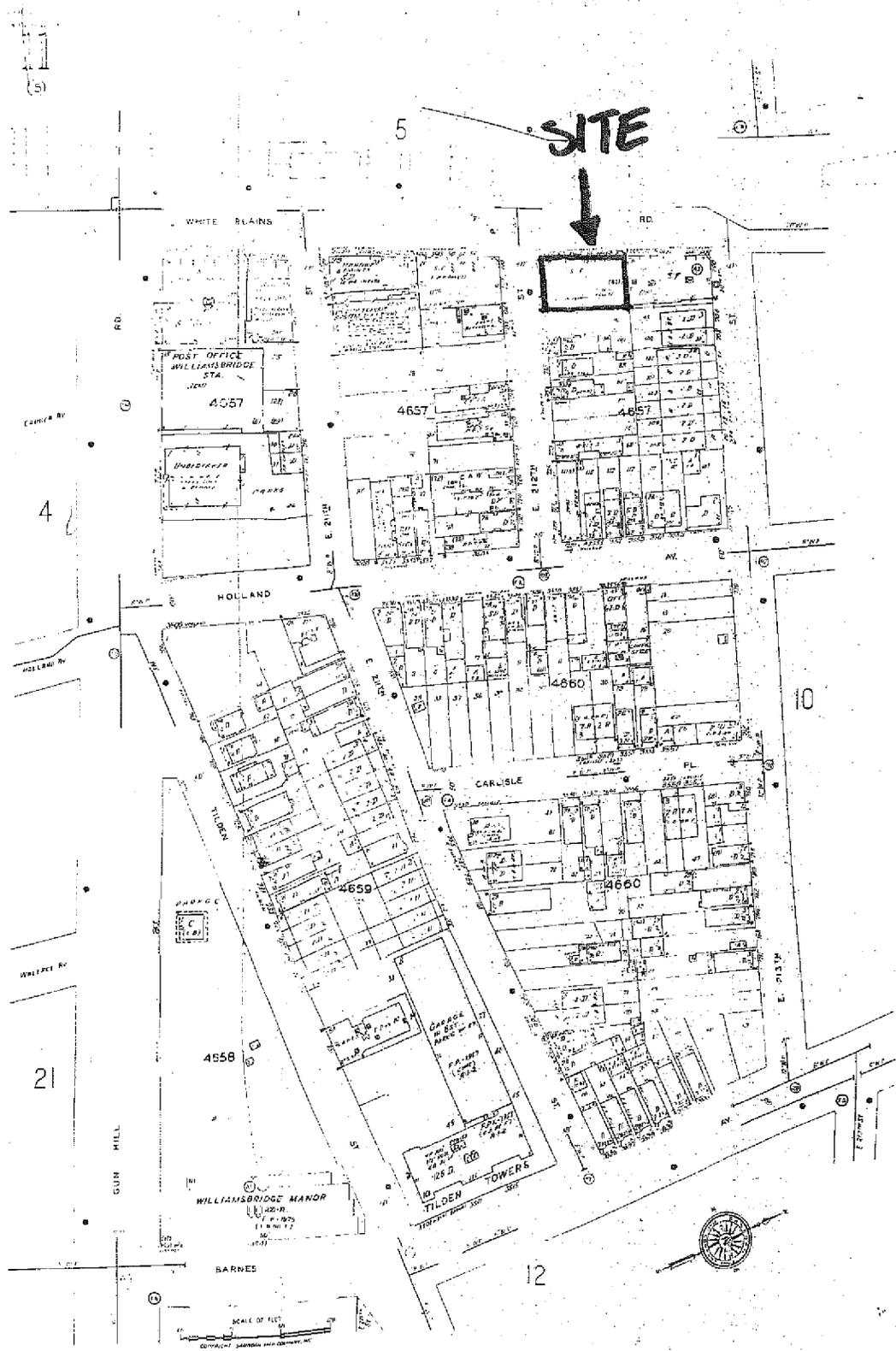
701 Bronx Republican Club OL in 2-3180
701 Bronx Republican County Committee
OL in 2-3180
701 P ----- Spec
701 Republican County Comm. hqtrs. OL in 2-3180

1945

WHITE PLAINS RD 701
702 Melchiorri Peter pratr S0 ES ta 8-1975
702 Superga Press S1 ES ta 8-1975
704 N. C. Street

1935

1976



SITE

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SCALE OF FEET
CONTRACT DRAWING BOARD, N.Y.



1951

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NY 088

SITE



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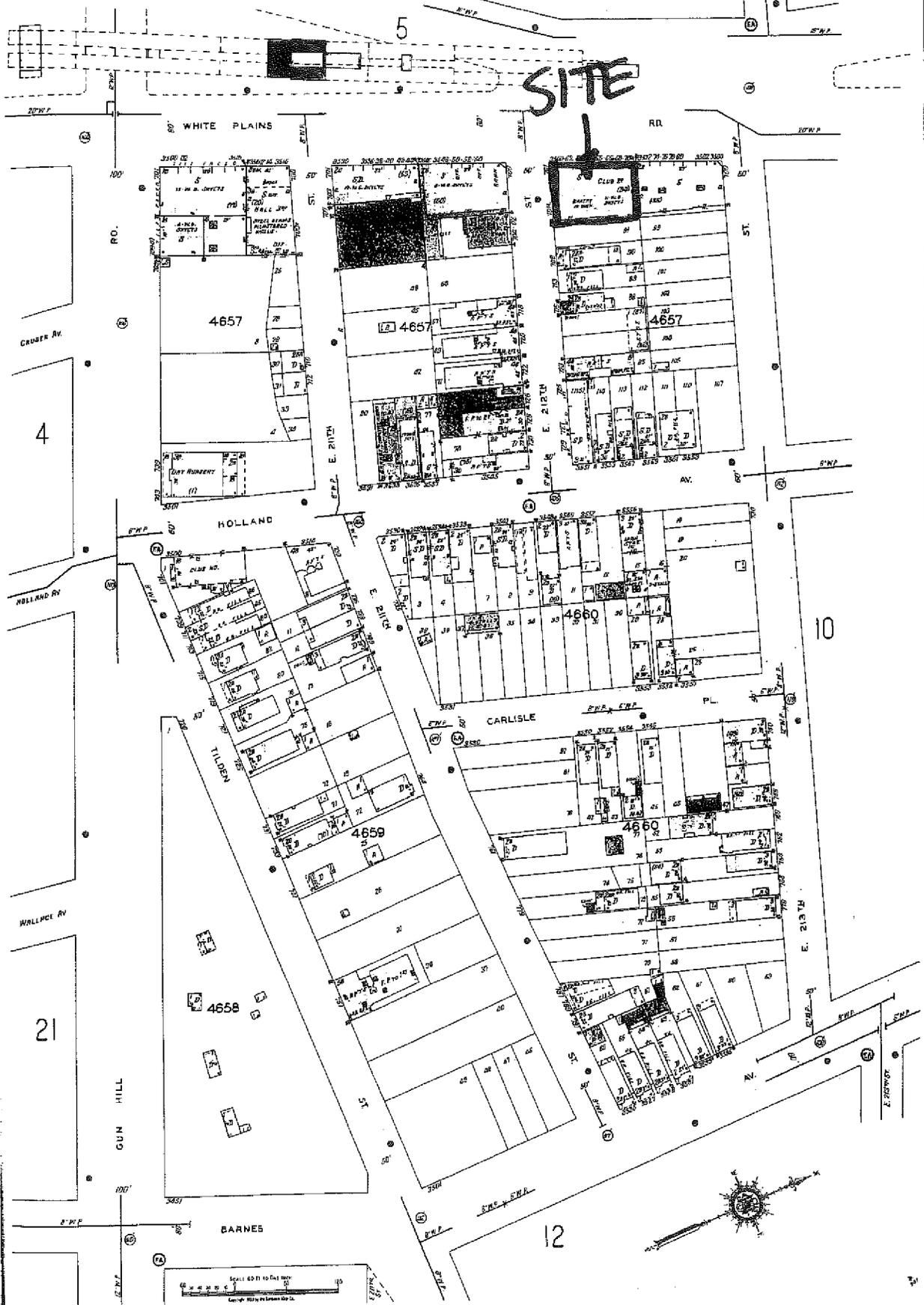
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1935

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SITE

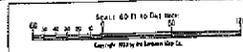


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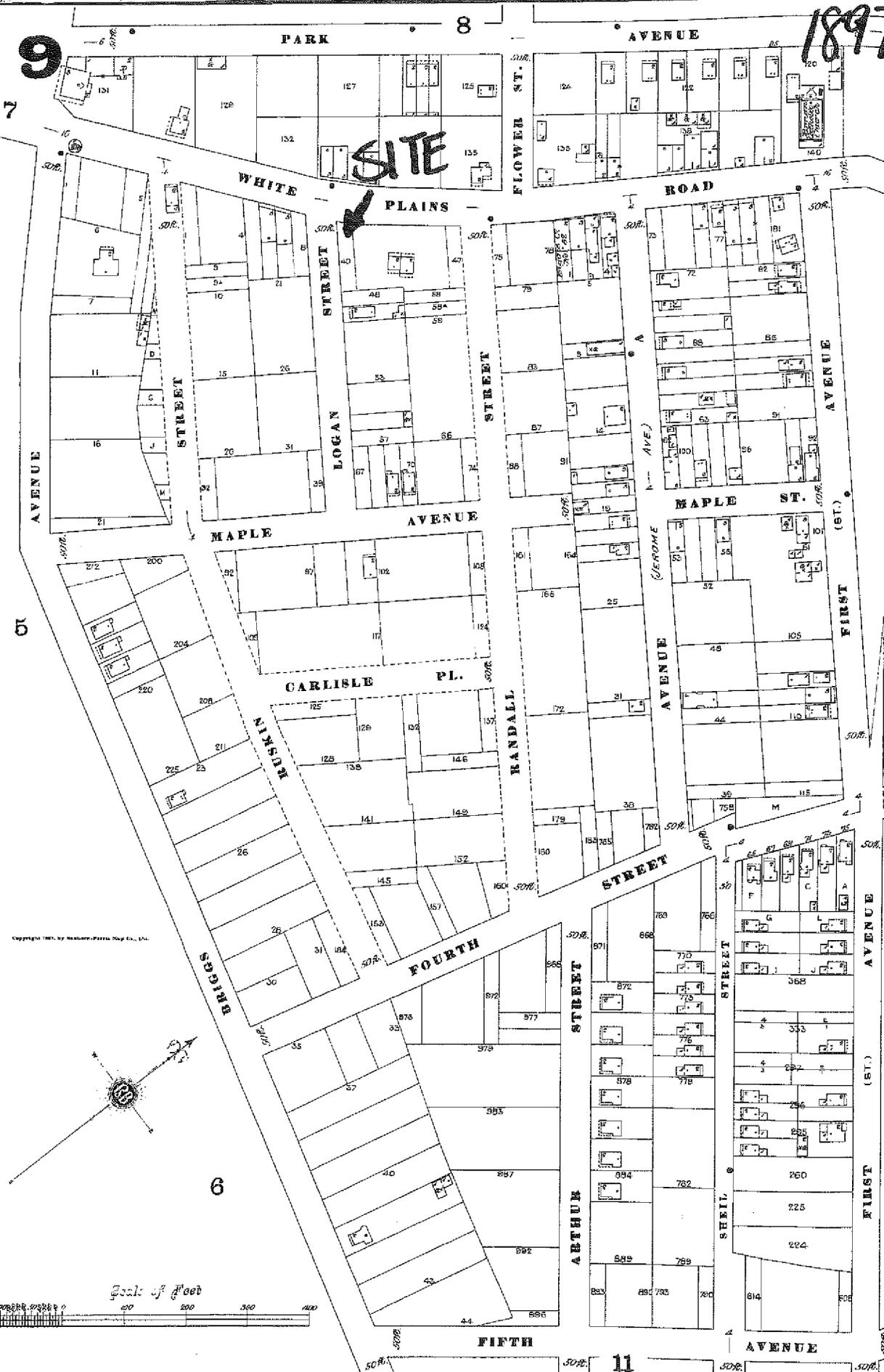
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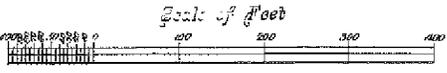
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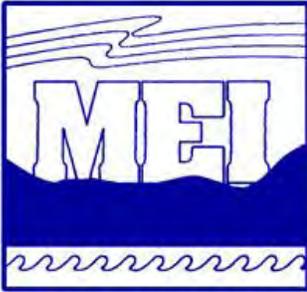
1897



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11



Middleton Environmental Inc.

Environmental Consultants and Engineers

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(631) 321-4300 • Fax (631) 321-4349
middletonenvironmental.com

Transaction Screen Process Report

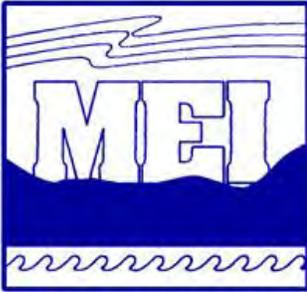
MEI Project Number 12-544



Property located at 3572-3584 White Plains Road in Bronx, New York

June 15, 2012

Prepared for Astoria Federal Savings Bank (Loan #876600495)



Middleton Environmental Inc.

Environmental Consultants and Engineers

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(631) 321-4300 • Fax (631) 321-4349
middletonenvironmental.com

June 15, 2012

Mr. Joseph Bellucci
Astoria Federal Savings Bank
1 Jericho Plaza
Jericho, NY 11753

RE: Property located at 3572-3584 White Plains Road in Bronx, New York 10467.

Dear Mr. Bellucci,

On May 16, 2012, a physical site inspection was conducted on the above referenced property. This physical site inspection was conducted as part of a Transaction Screen Process Report (ASTM 1528-06). The Subject Property is 0.13 of an acre in size and there is one (1) commercial/office building on the Subject Property. This 11,000 square foot building has two (2) floors and a basement. The building contains six (6) commercial units on the main floor (Murray Studio, Boost Mobile, Income Tax Preparation, Koskoulou Merchandise, a stylist, and Green Garden Health Foods), and seven (7) professional offices on the second floor. The basement of the building contains meter and storage rooms.

The first area examined was the basement of the building. The basement of the building had concrete floors, concrete and stone walls and a wood ceiling. None of the overhead pipes in the basement were insulated by friable Asbestos Containing Material (ACM). There were no signs of ACM fireproofing noticed inside the building. There were no floor drains, 55 gallon drums or any aboveground electrical transformers noticed in the basement of the building. There were no signs of mold/microbial matter or signs of water intrusion noticed in the basement of the building. The building is heated by natural gas.

The next areas examined were the accessible commercial units and corridor areas of the building. None of the office spaces were accessible during our inspection, with the commercial units having vinyl tile floors, sheetrock walls, and tin, sheetrock, and drop ceilings. The corridors had tile floors, with plaster walls and ceilings. There were no floor drains, 55 gallon drums, aboveground storage tanks, aboveground electrical transformers or any signs of ACM noticed inside the corridors of the building. There were no signs of severe peeling or flaking paint noticed in the accessible areas of the building. A review of the New York City Department of Housing Preservation and Development's (NYCHPD), Code Enforcement Database did not indicate the presence of any outstanding lead based paint violations regarding the Subject Property. There were no signs of mold/microbial matter or water intrusion noticed inside the accessible areas of the building.

The last area examined was the outside grounds. There were no oil fill ports or fuel vents for any underground storage tanks noticed on the Subject Property. A review of the New York City Fire Department storage tank files and available Sanborn Fire Insurance Maps did not indicate the presence of any buried tanks on the Subject Property. However, a review of the NYSDEC Petroleum Bulk Storage (PBS), Tank database indicated the presence of a 1,500 gallon underground heating oil storage tank on the Subject Property (PBS Number 2-062316 for 3578 White Plains Road). The NYSDEC PBS database indicated that this tank was precision tested in 1996 and was due to be retested in 2001. However, there were no additional information regarding any tests after 2001. The property owner indicated that he has owned the building since 1999 and he has no record of any underground tanks on the Subject Property. Conversations with the property manager did not indicate the presence of any underground tanks on the Subject Property. MEI inspected the basement area where the former boiler room was located and no underground storage tanks were encountered. It is believed that this tank was likely an aboveground tank that was removed from the basement and not an underground tank (as was listed on the NYSDEC PBS permit). It is recommended that the property owner contact the NYSDEC to show that this tank was not an underground tank but an aboveground tank which has since been removed from the Subject Property.

There were no outside 55 gallon drum storage areas, outside aboveground storage tanks or any outside aboveground electrical transformers noticed on the Subject Property. There were no signs of stressed vegetation or soil contamination noticed on the Subject Property.

The USEPA National Priorities List (NPL), database did not indicate the presence of any USEPA confirmed hazardous waste facilities within a mile radius of the site. There were no USEPA CERCLIS database sites within a half mile radius of the Subject Property. There were no CERCLIS No Further Remedial Action Planned (NFRAP), sites within a half mile radius of the Subject Property. There were no USEPA RCRA Corrective Action (CORRACTS) site within a mile radius of the Subject Property. There were no USEPA RCRA Transportation, Storage or Disposal (TSD), sites within a half mile radius of the Subject Property. The Subject Property was not identified as a Federal RCRA Hazardous Waste Generator.

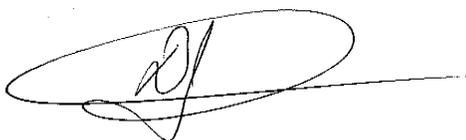
There were no STATE National Priorities List (NPL), sites within a mile radius of the Subject Property. There were no STATE CERCLIS EQUIVILENT sites within a half mile radius of the Subject Property. A review of the New York State Department of Environmental Conservation (NYSDEC), Leaking Underground Storage Tank (LUST), Database indicated the presence of forty (40) LUST sites within a half mile radius of the Subject Property. None of these LUST sites would have an apparent adverse impact on the Subject Property due to the distance to the Subject Property, direction of groundwater flow, and/or current case status. The Subject Property is not listed as a State and Tribal Spills site. There were no State and Tribal landfill and solid waste disposal sites listed within 0.5 mile of the Subject Property. There were no STATE Voluntary Cleanup (VCS), sites within a half mile radius of the Subject Property. There were no STATE Brownfield sites within a half mile of the Subject Property. A review of the New York City Building Department property profile overview indicated that the Subject Property has an E restriction of Hazmat/Noise. It is recommended that the property owner submit all documentation associated with this designation to the New York City Office of Environmental Remediation (NYCOER), in order to determine the requirements for addressing the E designation assigned to the Subject Property prior to any planned construction activities.

The Subject Property is bordered to the north by East 213th Street and a meat market. The Subject Property is bordered to the south by a commercial/office building. The Subject Property is bordered to the east by residences. The Subject Property is bordered to the west by White Plains Road, followed by a laundromat and car wash.

A review of the New York City Department of Assessment files and the New York City Building Department property profile overview indicated that the building was constructed on the Subject Property in 1928 and has been utilized as a two story commercial and office building since that time. A review of available Sanborn Fire Insurance Maps indicated that prior to 1928, the Subject Property contained a dwelling and vacant land. A review of available City Directory information indicated that the building was utilized in the past by offices, stores, a funeral home, dry cleaner, market, beauty salon, pizzeria, luncheonette, pharmacy and a delicatessen. A review of available City Directory information indicated that one of the retail stores was utilized in the past by a dry cleaner (1960-1970's). No determination regarding the usage, storage or disposal of hazardous wastes while this facility was in operation could be made (or if the store was a drop-off location only). However, the site inspection did not indicate the presence of any dry cleaning equipment, basement support posts (which would indicate the former presence of a dry cleaning machine), or any signs of improper chemical disposal on the Subject Property.

It is the opinion of Middleton Environmental Incorporated that no further testing is warranted on the Subject Property. Please feel free to contact my office should you have any questions regarding this Physical Site Inspection or if you need any information regarding this Transaction Screen Process Report.

Sincerely,



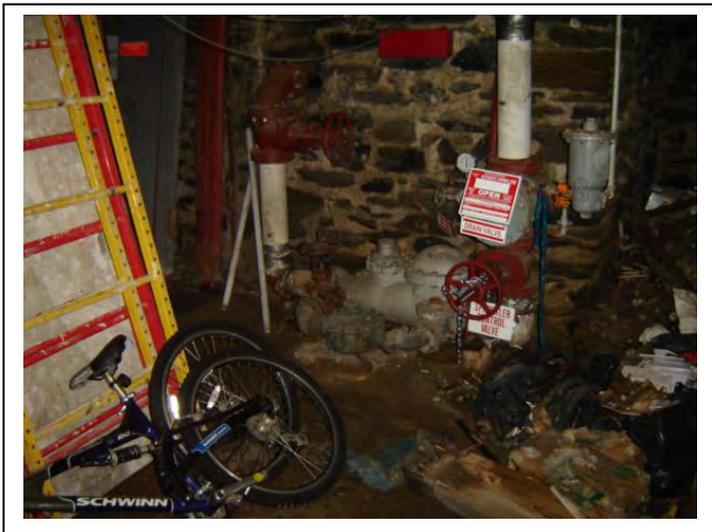
Donald J. Middleton Jr.
President



OVERHEAD HEATER



GAS METERS



BASEMENT AREA



GREEN GARDEN HEALTH FOOD



STAIRS



CORRIDOR AREA

MEI TRANSACTION SCREEN PROCESS REPORT

This Transaction Screen Process Report is performed in conformance with the scope and limitations of ASTM Designation E1528-06 Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process. The identification of the subject property being assessed, report preparer, date of site visitation and the effective date of the opinion in the report under review are as follows:

Site Address: 3572-3584 White Plains Road in Bronx, New York 10467.

Description: The Subject Property is 0.13 of an acre in size and there is one (1) commercial/office building on the Subject Property. This 11,000 square foot building has two (2) floors and a basement. The building contains six (6) first floor commercial units (Murray Studio, Boost Mobile, Income Tax Preparation, Koskoulou Merchandise, a stylist, and Green Garden Health Foods), with seven (7) offices on the second floor. The basement of the building contains meter and storage rooms.

Transaction Screen Process prepared by: Donald J. Middleton Jr. **Report Date:** 06/15/12

Site visit performed by: Michael Fiscina **Visit Date:** 5/16/12

INTRODUCTION TO TRANSACTION SCREEN PROCESS QUESTIONNAIRE

ASTM Sec. 5.1 Process - The transaction screen process consists of asking questions contained within the transaction screen questionnaire of owners and occupants of the property, observing site conditions at the property with direction provided by the transaction screen questionnaire, and, to the extent reasonably ascertainable, conducting limited research regarding certain government records and certain standard historical sources. The questions asked of owners when conducting site visits are the same questions as those asked of occupants.

ASTM Sec. 5.2 Guide - The transaction screen questionnaire is followed by a guide designed to assist the person completing the transaction screen questionnaire. The guide to the transaction screen questionnaire is set out in Sections 7 through 10 of this practice. This guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

ASTM Sec. 5.2.1 - To assist the user, its employee or agent, or the environmental professional in preparing a report, the guide repeats each of the questions set out in the transaction screen questionnaire in both the guide for owner/occupant inquiry and the guide to site visit. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

ASTM Sec. 5.2.2 - The guide also describes the procedures to be followed to determine if reliance upon the information in a prior environmental site assessment is appropriate under this practice.

ASTM Sec. 5.2.3 - A user, his employee or agent, or environmental professional conducting the transaction screen process should not use the transaction screen questionnaire without reference to, or familiarity from prior usage with, the guide.

ASTM Sec. 5.3 User - The user may either conduct the transaction screen process, or delegate it to an employee or agent or may contract with a third party to prepare the questionnaire on behalf of the user. No matter who prepares the questionnaire, the user remains responsible for the decision to conduct limited environmental due diligence and the impact of that decision on risk management.

ASTM Sec. 5.4 Preparer – The preparer conducting the transaction screen process should use good faith efforts in determining answers to the questions set forth in the transaction screen questionnaire. The user should take time and care to check whatever records are in the user's possession and forward relevant information or specialized knowledge to the preparer.

ASTM Sec. 5.5 Knowledge - The owner or occupant of the property to which portions of the transaction screen questionnaire are directed should have sufficient knowledge and experience with respect to the property or in the owner's or occupant's particular business to understand the purpose and use of the transaction screen questionnaire. All answers should be given to the best of the owner's or occupant's actual knowledge.

ASTM Sec. 5.5.1 - While the person conducting the transaction screen process has an obligation to ask the questions set forth in the transaction screen questionnaire, in many instances the parties to whom the questions are addressed will have no obligation to answer them. The user is only required to obtain information to the extent it is reasonably ascertainable.

ASTM Sec. 5.5.2 - The transaction screen questionnaire and the transaction screen guide sometimes include the phrase "to the best of your knowledge." This phrase does not impose a constructive knowledge standard. It is intended as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

ASTM Sec. 5.6 Conclusions Regarding Affirmative or Unknown Answers - If any of the questions set forth in the transaction screen questionnaire are answered in the affirmative, the user must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the user should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the transaction screen process, including, in particular, the site visit and the government records/historical sources inquiry. If the user decides no further inquiry is warranted after receiving no response, an answer of unknown or an affirmative answer, the user must document the reasons for any such conclusion.

ASTM Sec. 5.6.1 - Upon obtaining an affirmative answer, an answer of unknown or no response, the user should first refer to the guide. The guide may provide sufficient explanation to allow a user to conclude that no further inquiry is appropriate with respect to the particular question.

ASTM Sec. 5.6.2 - If the guide to a particular question does not, in itself, permit a user to conclude that no further inquiry is appropriate, then the user should consider other information obtained from the transaction screen process relating to this question. For example, while on the site performing a site visit, a person may find a storage tank on the property and therefore answer Question 10 of the transaction screen questionnaire in the affirmative. However, during or subsequent to the owner/occupant inquiry, the owner may produce evidence that substances now or historically contained in the tank (e.g. water) are not likely to cause contamination.

ASTM Sec. 5.6.3 - If either the guide to the question or other information obtained during the transaction screen process does not permit a user to conclude no further inquiry is appropriate with respect to such question, then the user must determine, in the exercise of the user's reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the transaction screen process, whether further inquiry may be limited to those specific issues identified as of concern or should proceed with a full Phase I Environmental Site Assessment.

ASTM Sec. 5.7 Presumption - A presumption exists that further inquiry is necessary if an affirmative answer is given to a question because the answer was unknown or no response was given. In rebutting this presumption, the user should evaluate information obtained from each component of the transaction screen process and consider whether sufficient information has been obtained to conclude that no further inquiry is necessary. The user must determine, in the exercise of the user's reasonable business judgment, the scope of such further inquiry: whether to proceed with a Phase I Environmental Site Assessment prepared in accordance with Practice E 1527 or a lesser inquiry directed at specific issues raised by the questionnaire.

ASTM Sec. 5.8 Further Inquiry Under Practice E 1527 - Upon completing the transaction screen questionnaire, if the user concludes that a Phase I Environmental Site Assessment is needed, the user should proceed with such inquiry with the advice and guidance of an environmental professional. Such further inquiry should be undertaken in accordance with Practice E 1527.

TRANSACTION SCREEN GUIDE

1A. Is the property used for an industrial use?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

1B. Is any adjoining property used for an industrial use?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

2A. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

2B. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

3A. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

3B. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

4A. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

A review of available City Directory information indicated that one of the retail stores was utilized in the past by a dry cleaner (1960-1970's). No determination regarding the usage, storage or disposal of hazardous wastes while this facility was in operation could be made (or if the store was a drop-off location only). However, the site inspection did not indicate the presence of any dry cleaning equipment, basement support posts (which would indicate the former presence of a dry cleaning machine), or any signs of improper chemical disposal on the Subject Property.

4B. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

5A. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

5B. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

6A. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

6B. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

7A. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

7B. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

8A. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

8B. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

9A. Is there currently any stained soil on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

9B. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

10A. Are there currently any registered or unregistered storage tanks (aboveground or underground) located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO*
<p>There were no oil fill ports or fuel vents for any underground storage tanks noticed on the Subject Property. A review of the New York City Fire Department storage tank files and available Sanborn Fire Insurance Maps did not indicate the presence of any buried tanks on the Subject Property. However, a review of the NYSDEC Petroleum Bulk Storage (PBS), Tank database indicated the presence of a 1,500 gallon underground heating oil storage tank on the Subject Property (PBS Number 2-062316 for 3578 White Plains Road). The NYSDEC PBS database indicated that this tank was precision tested in 1996 and was due to be retested in 2001. However, there were no additional information regarding any tests after 2001. The property owner indicated that he has owned the building since 1999 and he has no record of any underground tanks on the Subject Property. Conversations with the property manager did not indicate the presence of any underground tanks on the Subject Property. MEI inspected the basement area where the former boiler room was located and no underground storage tanks were encountered. It is believed that this tank was likely an aboveground tank that was removed from the basement and not an underground tank (as was listed on the NYSDEC PBS permit). It is recommended that the property owner contact the NYSDEC to show that this tank was not an underground tank but an aboveground tank which has since been removed from the Subject Property.</p>	

10B. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (aboveground or underground) located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO
See 10A above.	

11A. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

11B. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO
See 10A above.	

12A. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

12B. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

13A. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 13B. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 14A. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 15A. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 15B. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 15C. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 15D. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 16A. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 17A. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 18A. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 18B. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

- 19A. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?

Owner	NO
Occupant	NO
Observed During Site Visit	NO

GUIDE TO GOVERNMENTAL RECORDS/HISTORICAL SOURCES INQUIRY

21. The following Federal and State governmental record systems were checked for a list of this property or any property within the circumference of the area (see appendix for Environmental Data). Were any sites noticed within the specified radius of the site?

SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS			
Regulatory Database	Approximate Minimum Search Distance	Subject Property Listed	Off-site Listings Within Search Distance
Federal NPL Sites	1.0 mile	No	0
Federal Delisted NPL Sites	0.5 mile	No	0
Federal CERCLIS Sites	0.5 mile	No	0
Federal CERCLIS NFRAP Sites	0.5 mile	No	0
Federal RCRA CORRACTS Sites	1.0 mile	No	0
Federal RCRA Generators Sites	Property & Adjoining	No	0
Federal RCRA Non-CORRACTS TSD Sites	0.5 mile	No	0
Federal Engineering / Institutional Control Sites	Property & Adjoining	No	0
Federal ERNS Sites	Subject Property	No	0
State and Tribal equivalent NPL Sites	1.0 mile	No	0
State and Tribal equivalent CERCLIS Sites	0.5 mile	No	0
State and Tribal Leaking Storage Tank Sites	0.5 mile	No	40
State and Tribal Spills Sites	Subject Property	No	0
State and Tribal Landfill or Solid Waste Disposal Sites	0.5 mile	No	0
State and Tribal Registered Storage Tank Sites	Property & Adjoining	Yes	0
State and Tribal Engineering / Institutional Control Sites	Property & Adjoining	Yes	1
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	0
State and Tribal Brownfield Sites	0.5 mile	No	0

22. Would any of these sites have a potential adverse impact on the Subject Property?

YES _____ NO X SEE COMMENTS _____

23. Based upon a review of fire insurance maps or local street directories, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?

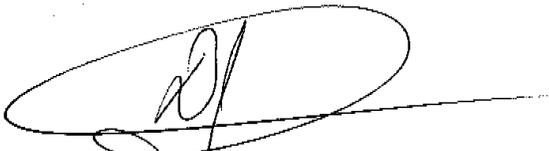
YES _____ NO X SEE COMMENTS _____

The Site Inspection, Government Records, Historical Sources Inquiry and Owner/Occupant questionnaire were completed by:

Name : Michael Fiscina
Title: Field Analyst
Firm : Middleton Environmental Inc.
Address: 50 Park Avenue, Babylon, NY 11702
Phone number: 631 321 4300
Date: 5/16/12
Relationship User: Environmental Consultant

Name of User: Mr. Joseph Bellucci
User's address: Astoria Federal Savings Bank, 1 Jericho Plaza, Jericho, NY 11753
User's phone number: 516-535-8052
User's relationship to the site (for example, owner, prospective purchaser, lender, etc.): Lender

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.



Donald J. Middleton Jr.
President



06/15/12
Date

APPENDIX

**DEPARTMENT OF FINANCE OR ASSESSMENT INFORMATION
AND/OR LOCAL FIRE AND BUILDING DEPARTMENT INFORMATION**

REGULATORY DATABASE INFORMATION (SUPPLIED BY FIRSTSEARCH INCORPORATED)

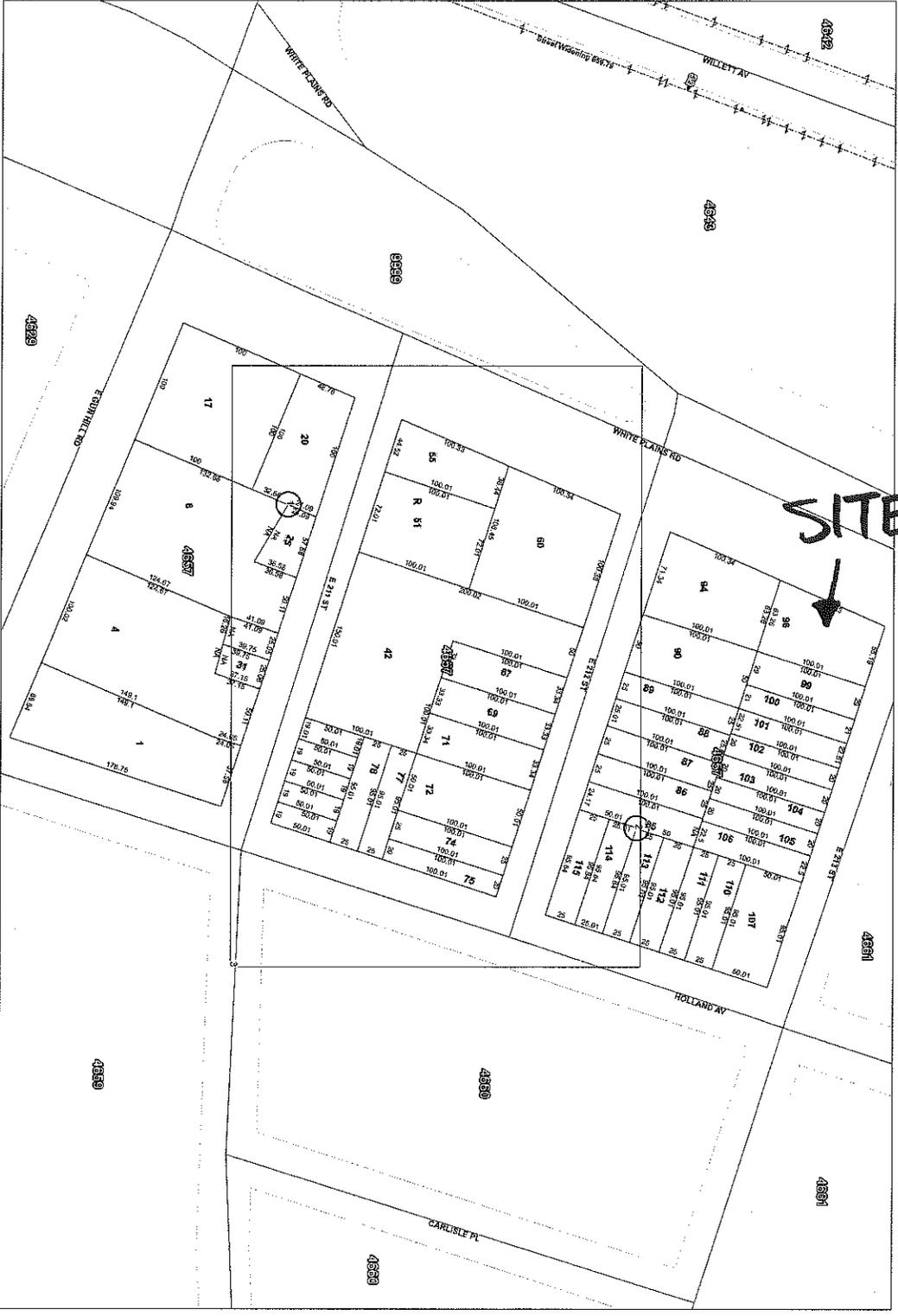
**HISTORICAL RESEARCH DOCUMENTATION (INCLUDING SANBORN FIRE INSURANCE MAPS,
COLES AND TELEPHONE ADDRESS DIRECTORY INFORMATION, ETC..)**

DEPARTMENT OF FINANCE OR ASSESSMENT INFORMATION
AND/OR LOCAL FIRE AND BUILDING DEPARTMENT INFORMATION



FINANCE
NEW YORK
MAYOR'S OFFICE
COMMISSIONER
NYC Digital Tax Map
Effective Date: 12-06-2008 11:23:31
End Date:
Current:
Bronx Block: 4657

- Legend
- Sheets
 - Miscellaneous Text
 - Possession Hooks
 - Boundary Lines
 - Lot Foot Possession Hooks
 - Regular
 - Underwater
 - Water
 - Condo Fraction
 - Tax Block Polygon



0 12.5 25 75 100
1:48

Property Detail Report

For Property Located At



CoreLogic

RealQuest Professional

3584 WHITE PLAINS RD, BRONX, NY 10467-5711**Owner Information:**

Owner Name: 3572 WPR LLC
 Mailing Address: 60 E 42ND ST #447, NEW YORK NY 10165-0499 C/O IRGANG GROUP INC
 Phone Number: Vesting Codes: //

Location Information:

Legal Description:
 County: BRONX, NY APN: 04657-0096
 Census Tract / Block: 380.00 / 4 Alternate APN:
 Township-Range-Sect: Subdivision:
 Legal Book/Page: Map Reference: 16-07-10 / 168-G5
 Legal Lot: 96 Tract #:
 Legal Block: 4657 School District: 3620580
 Market Area: Munic/Township:
 Neighbor Code:

Owner Transfer Information:

Recording/Sale Date: / Deed Type:
 Sale Price: 1st Mtg Document #:
 Document #:

Last Market Sale Information:

Recording/Sale Date: 01/15/1999 / 09/01/1998 1st Mtg Amount/Type: \$420,000 / CONV
 Sale Price: \$650,000 1st Mtg Int. Rate/Type: /
 Sale Type: FULL 1st Mtg Document #: 1613-226
 Document #: 1613-217 2nd Mtg Amount/Type: /
 Deed Type: DEED (REG) 2nd Mtg Int. Rate/Type: /
 Transfer Document #: Price Per SqFt: \$59.09
 New Construction: Multi/Split Sale:
 Title Company:
 Lender: EMIGRANT FNDG CORP
 Seller Name: MARTINEZ NATALIA

Prior Sale Information:

Prior Rec/Sale Date: 02/25/1966 / 02/25/1966 Prior Lender:
 Prior Sale Price: Prior 1st Mtg Amt/Type: /
 Prior Doc Number: Prior 1st Mtg Rate/Type: /
 Prior Deed Type: DEED (REG)

Property Characteristics:

Year Built / Eff:	1928 /	Total Rooms/Offices:	Garage Area:
Gross Area:	11,000	Total Restrooms:	Garage Capacity:
Building Area:	11,000	Roof Type:	Parking Spaces:
Tot Adj Area:		Roof Material:	Heat Type:
Above Grade:		Construction:	Air Cond:
# of Stories:	2.00	Foundation:	Pool:
Other Improvements:		Exterior wall:	Quality:
		Basement Area:	Condition:

Site Information:

Zoning:	R6	Acres:	0.13	County Use:	STORE 2 STORY/OFFICE (K2)
Lot Area:	5,522 STORES	Lot Width/Depth:	100 x 55	State Use:	
Land Use:	& OFFICES	Commercial Units:	15	Water Type:	
Site Influence:	CORNER	Sewer Type:		Building Class:	K2

Tax Information:

Total Value:	\$312,300	Assessed Year:	2012	Property Tax:	\$24,121.44
Land Value:	\$86,850	Improved %:	72%	Tax Area:	4
Improvement Value:	\$225,450	Tax Year:	2012	Tax Exemption:	
Total Taxable Value:	\$237,603				



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings
Property Profile Overview

3578 WHITE PLAINS ROAD
EAST 213 STREET 700 - 700
WHITE PLAINS ROAD 3572 - 3584

BRONX 10467

BIN# 2057692
Tax Block : 4657
Tax Lot : 96
Condo : NO
Vacant : NO

Census Tract : 380
Community Board : 212
Buildings on Lot : 1

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): EAST 212 STREET, EAST 213 STREET
DOB Special Place Name:
DOB Building Remarks:
Landmark Status: Special Status: N/A
Local Law: NO Loft Law: NO
SRO Restricted: NO TA Restricted: NO
UB Restricted: NO
Little 'E' Restricted: HAZMAT/NOISE Grandfathered Sign: NO
Legal Adult Use: NO City Owned: NO
Additional BINs for Building: NONE

Special District: UNKNOWN

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

Department of Finance Building Classification: K2-STORE BUILDING

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

	Total	Open	Elevator Records
Complaints	0	0	Electrical Applications
Violations-DOB	11	0	Permits In-Process / Issued
Violations-ECB (DOB)	0	0	Illuminated Signs Annual Permits
Jobs/Filings	7		Plumbing Inspections
ARA / LAA Jobs	1		Open Plumbing Jobs / Work Types
Total Jobs	8		Facades
Actions	13		Marquee Annual Permits
OR Enter Action Type:			Boiler Records
OR Select from List:			DEP Boiler Information
Select..			Crane Information
			After Hours Variance Permits

AND

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



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings
Actions

Page: 1

Premises: 3578 WHITE PLAINS ROAD BRONX

BIN: 2057692 Block: 4657 Lot: 96

NUMBER		TYPE	FILE DATE
ALT 80-45		ALTERATION	00/00/1945
ALT 309-66		ALTERATION	00/00/1966
BN 217-57		BUILDING NOTICE	00/00/1957
BN 465-58		BUILDING NOTICE	00/00/1958
CO 2023-45	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1945
CO 41960-66	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1966
ES 46-45		ELECTRIC SIGN	00/00/1945
ES 431-49		ELECTRIC SIGN	00/00/1949
ES 9-56		ELECTRIC SIGN	00/00/1956
MIS 597-66		MISCELLANEOUS	00/00/1966

Next

Enter Action Type: _____ Or Select from List:

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

CERTIFICATE OF OCCUPANCY

No. 2023 Issued OCT 27 1921 192

To Valerio ^{and} Masturzo of
 Premises Geraga Ave. 192.41 N. Macabay Ave.

COPIES

DATE	NAME	ADDRESS
<u>OCT 27 1921</u>	<u>Mailed to above at</u>	<u>177 Geraga Ave</u>

STORIES	CLASSIFICATION	CONSTRUCTION
<u>2</u>	<u>Dwelling</u>	<u>Brick</u>

FLOORS	OCCUPANCY	Live Load Per Sq. Feet in Pounds	No. of Persons
<u>Sub-Cellar</u>			
<u>Cellar</u>			
<u>Basement</u>			
<u>First Floor</u>	<u>all floors</u>	<u>40</u>	

N. B. Application
 No. 654 192.1

COPY

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF BROOKLYN

CITY OF NEW YORK

No. 2023

Date MAY 2 - 1945

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-187.0 to C.26-187.0 inclusive Administrative Code 21.01, to 21.07 Building Code.)

This certificate supersedes C. O. No. 2000-27

To the owner or owners of the building or premises: **White Park Realty Co. Inc.**

THIS CERTIFIES that ~~the above described building premises~~ located at **3578-3584 White Plains Ave. W/100th Street**

Block **657** Lot **106**

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued, and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

or Alt. No. **52-65**

Construction classification **Non-fireproof**

Occupancy classification **Commercial**

Height **2**

stories

27

feet.

Date of completion **April 27th, 1945**

Located in

Business

Use District

Area C

Height Zone as zone of issuance of permit **1-1/4**

This certificate is issued subject to the conditions hereinafter specified and to the following resolutions of the Board of Standards and Appeals:

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	FLOORING ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Cellar	On earth				Boiler Room and Storage
First	150	20	20	40	F. Home Stores and Funeral Home
Second	60	45	20	65	Offices

RECORDED

EX. O. 41960-66

Foring A.D.

8-2-45

Joseph E. ...

(Page 1)

Borough Superintendent.

DEPARTMENT OF BUILDINGS

BOROUGH OF THE BRONX, THE CITY OF NEW YORK

Date **OCT 06 1966**

No. **41960**

CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

This certificate supersedes C. O. No. **2023-45**

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at

3578-3584 White Plains Road

Block **4657** Lot **96**

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the **south** side of **East 213th Street**
 distant **0.00** feet east from the corner formed by the intersection of
White Plains Road and **East 213th Street**
 running thence **south 100.14°** feet; thence **east 63.26** feet;
 thence **north 100.01** feet; thence **west 55.11 3/8"** feet;
 running thence _____ feet; thence _____ feet;

to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~Alt. No.~~ Alt. No.—**309-66**

Construction classification— **Non-fireproof**

Occupancy classification— **Commercial**

Height **Cellar & 2** stories, **27** feet.

Date of completion— **8-16-66**

Located in **02-2 (R6)** Zoning District.

at time of issuance of permit.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals:
 and The City Planning Commission: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces _____
 Off-Street Loading Berths _____

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Cellar	On Ground		Boiler Room and Storage.
First	120	60	Dry Cleaning Establishment and Stores (Use Group 6).
Second	60	75	Offices and Beauty Salon (Use Group 6).

William C. ...
 Borough Superintendent

REGULATORY DATABASE INFORMATION (SUPPLIED BY FIRSTSEARCH INCORPORATED)

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

3572 WHITE PLAINS ROAD

BRONX NY 10467

Job Number: 12-540

PREPARED FOR:

Middleton Environmental Inc.

50 Park Avenue

Babylon, NY 11702

05-15-12



Tel: (781) 551-0470

Fax: (781) 551-0471

Environmental FirstSearch *Search Summary Report*

Target Site: 3572 WHITE PLAINS ROAD
BRONX NY 10467

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	05-09-10	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	05-09-12	0.50	0	0	0	0	-	0	0
CERCLIS	Y	02-27-12	0.50	0	0	0	0	-	0	0
NFRAP	Y	02-27-12	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	03-13-12	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	03-13-12	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	03-13-12	0.25	0	0	5	-	-	2	7
Federal Brownfield	Y	05-01-12	0.50	0	0	0	0	-	0	0
ERNS	Y	04-13-12	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-15-08	1.00	0	0	0	0	0	2	2
State/Tribal Sites	Y	04-05-12	1.00	0	0	0	0	0	0	0
State Spills 90	Y	01-10-12	0.12	0	8	-	-	-	25	33
State Spills 80	Y	11-02-10	0.25	0	0	2	-	-	12	14
State/Tribal SWL	Y	01-11-12	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	04-05-12	0.50	0	0	9	31	-	4	44
State/Tribal UST/AST	Y	04-05-12	0.25	0	7	22	-	-	0	29
State/Tribal EC	Y	04-05-12	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	04-05-12	0.25	0	19	23	-	-	0	42
State/Tribal VCP	Y	04-05-12	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	04-05-12	0.50	0	0	0	0	-	0	0
Federal IC/EC	Y	03-13-12	0.50	0	0	0	0	-	0	0
- TOTALS -				0	34	61	31	0	45	171

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

**Environmental FirstSearch
Site Information Report**

Request Date: 05-15-12
Requestor Name: alex
Standard: AAI

Search Type: COORD
Job Number: 12-540
Filtered Report

Target Site: 3572 WHITE PLAINS ROAD
 BRONX NY 10467

Demographics

Sites: 171	Non-Geocoded: 45	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-73.865315	-73:51:55	Easting: 595606.367
Latitude:	40.87911	40:52:45	Northing: 4525745.202
Elevation:	92		Zone: 18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)	Services:
--------------------------------------	------------------

<u>ZIP Code</u>	<u>City Name</u>	<u>ST</u>	<u>Dist/Dir</u>	<u>Sel</u>	<u>Requested?</u>	<u>Date</u>
10469	BRONX	NY	0.32 SE	Y	Fire Insurance Maps	No
10458	BRONX	NY	0.82 SW	N	Aerial Photographs	No
10466	BRONX	NY	0.59 NE	N	Historical Topos	No
10468	BRONX	NY	0.99 NW	N	City Directories	Yes 05-15-12
10471	BRONX	NY	0.87 NW	N	Title Search/Env Liens	No
					Municipal Reports	No
					Online Topos	No

Environmental FirstSearch Sites Summary Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 171 **GEOCODED:** 126 **NON GEOCODED:** 45 **SELECTED:** 5

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
4	INSTCONTRO	E DESIGNATION SITE E-279-1596	4661 BRONX NY 10467	0.01 NE	N/A	N/A
2	INSTCONTRO	E DESIGNATION SITE E-279-1588-A	4643 ♂••••C}♂♂••• BRONX NY 10467	0.01 NW	N/A	N/A
3	INSTCONTRO	E DESIGNATION SITE E-279-1589	4643 BRONX NY 10467	0.01 NW	N/A	N/A
5	INSTCONTRO	E DESIGNATION SITE E-279-1580	4643 BRONX NY 10467	0.01 NW	N/A	N/A
1	INSTCONTRO	E DESIGNATION SITE E-279-1577-B	4657 ♂••••C}♂♂••• BRONX NY 10467	0.01 SE	N/A	N/A
6	INSTCONTRO	E DESIGNATION SITE E-279-1583	4657 BRONX NY 10467	0.01 SE	N/A	N/A
8	INSTCONTRO	E DESIGNATION SITE E-279-1571	4657 BRONX NY 10467	0.02 SW	N/A	N/A
11	INSTCONTRO	E DESIGNATION SITE E-279-1572-A	4647 ♂••••C}♂♂••• BRONX NY 10467	0.03 NW	N/A	N/A
10	INSTCONTRO	E DESIGNATION SITE E-279-1578-A	4647 ♂••••C}♂♂••• BRONX NY 10467	0.03 NW	N/A	N/A
14	INSTCONTRO	E DESIGNATION SITE E-279-1579	4657 BRONX NY 10467	0.04 SE	N/A	N/A
16	INSTCONTRO	E DESIGNATION SITE E-279-1655	4662 BRONX NY 10467	0.05 NE	N/A	N/A
17	INSTCONTRO	E DESIGNATION SITE E-279-1656	4662 BRONX NY 10467	0.06 NE	N/A	N/A
20	INSTCONTRO	E DESIGNATION SITE E-279-1597-A	4660 ♂••••C}♂♂••• BRONX NY 10467	0.08 SE	N/A	N/A
25	INSTCONTRO	E DESIGNATION SITE E-279-1588	4643 BRONX NY 10467	0.09 SW	N/A	N/A
24	INSTCONTRO	E DESIGNATION SITE E-279-1589-A	4643 ♂••••C}♂♂••• BRONX NY 10467	0.09 SW	N/A	N/A
29	INSTCONTRO	E DESIGNATION SITE E-279-1577-A	4657 ♂••••C}♂♂••• BRONX NY 10467	0.10 SW	N/A	N/A
30	INSTCONTRO	E DESIGNATION SITE E-279-1583-B	4657 ♂••••C}♂♂••• BRONX NY 10467	0.10 SW	N/A	N/A
33	INSTCONTRO	E DESIGNATION SITE E-279-1577	4657 BRONX NY 10467	0.12 SE	N/A	N/A
32	INSTCONTRO	E DESIGNATION SITE E-279-1583-A	4657 ♂••••C}♂♂••• BRONX NY 10467	0.12 SE	N/A	N/A
40	INSTCONTRO	E DESIGNATION SITE E-279-1578	4647 BRONX NY 10467	0.13 NE	N/A	N/A
41	INSTCONTRO	E DESIGNATION SITE E-279-1584	4647 BRONX NY 10467	0.13 NE	N/A	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 171 **GEOCODED:** 126 **NON GEOCODED:** 45 **SELECTED:** 5

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
39	INSTCONTRO	E DESIGNATION SITE E-279-1597	4660 BRONX NY 10467	0.13 SE	N/A	N/A
42	INSTCONTRO	E DESIGNATION SITE E-279-1656-A	4662 ♂••••C}♂♂•••♂ BRONX NY 10467	0.14 NE	N/A	N/A
43	INSTCONTRO	E DESIGNATION SITE E-279-1598	4645 BRONX NY 10467	0.14 NW	N/A	N/A
51	INSTCONTRO	E DESIGNATION SITE E-279-1653	4663 BRONX NY 10467	0.15 NE	N/A	N/A
54	INSTCONTRO	E DESIGNATION SITE E-279-1572	4647 BRONX NY 10467	0.15 NE	N/A	N/A
52	INSTCONTRO	E DESIGNATION SITE E-279-1654	4663 BRONX NY 10467	0.15 NE	N/A	N/A
50	INSTCONTRO	E DESIGNATION SITE E-279-1654-A	4663 ♂••••C}♂♂•••♂ BRONX NY 10467	0.15 NE	N/A	N/A
49	INSTCONTRO	E DESIGNATION SITE E-279-1582-A	4659 ♂••••C}♂♂•••♂ BRONX NY 10467	0.15 SE	N/A	N/A
53	INSTCONTRO	E DESIGNATION SITE E-279-1607	4659 BRONX NY 10467	0.15 SE	N/A	N/A
55	INSTCONTRO	E DESIGNATION SITE E-279-1582	4659 BRONX NY 10467	0.15 SE	N/A	N/A
57	INSTCONTRO	E DESIGNATION SITE E-279-1585	4647 BRONX NY 10467	0.16 NE	N/A	N/A
65	INSTCONTRO	E DESIGNATION SITE E-279-1575	4651 BRONX NY 10467	0.17 NE	N/A	N/A
64	INSTCONTRO	E DESIGNATION SITE E-279-1574	4651 BRONX NY 10467	0.17 NE	N/A	N/A
66	INSTCONTRO	E DESIGNATION SITE E-279-1586	4645 BRONX NY 10467	0.17 NW	N/A	N/A
63	INSTCONTRO	E DESIGNATION SITE E-279-1598-A	4645 ♂••••C}♂♂•••♂ BRONX NY 10467	0.17 NW	N/A	N/A
62	INSTCONTRO	E DESIGNATION SITE E-279-1581	4658 BRONX NY 10467	0.17 SE	N/A	N/A
70	INSTCONTRO	E DESIGNATION SITE E-279-1598-B	4645 ♂••••C}♂♂••~♂ BRONX NY 10467	0.19 NW	N/A	N/A
76	INSTCONTRO	E DESIGNATION SITE E-279-1651	4665 BRONX NY 10467	0.23 NE	N/A	N/A
75	INSTCONTRO	E DESIGNATION SITE E-279-1650	4665 BRONX NY 10467	0.23 NE	N/A	N/A
77	INSTCONTRO	E DESIGNATION SITE E-279-1652	4664 BRONX NY 10467	0.23 NE	N/A	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 171 **GEOCODED:** 126 **NON GEOCODED:** 45 **SELECTED:** 5

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
81	INSTCONTRO	E DESIGNATION SITE E-279-1574-A	4651 E 279th St BRONX NY 10467	0.25 NE	N/A	N/A
37	LUST	MANAGMENT CO 0601035/CLOSED	3555 OLINVILLE AVE BRONX NY 10467	0.13 NW	- 30	N/A
34	LUST	NYC COMFORT STATION 0109651/CLOSED	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.13 SW	+ 6	N/A
34	LUST	PARKS and REC BUILDING - TTF 0900240/ACTIVE	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.13 SW	+ 6	N/A
44	LUST	EXXONMOBIL S/S 37863 9511031/CLOSED	GUNHILL RD BRONX NY 10467	0.15 SW	- 6	N/A
44	LUST	EXXONMOBIL 8707047/CLOSED	641 E GUN HILL RD BRONX NY 10467	0.15 SW	- 6	N/A
45	LUST	EXXONMOBIL 8807470/HISTORIC-ACTIVE	688 E GUNHILL RD BRONX NY 10467	0.15 SW	+ 3	N/A
48	LUST	EXXON 2634793 0209518/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.15 SW	- 1	N/A
48	LUST	EXXONMOBIL 0305075/CLOSED	641 E GUNHILL RD BRONX NY 10467	0.15 SW	- 1	N/A
78	LUST	MITCHELL-LLAMA COOP 9607944/CLOSED	3511 BARNES AVE BRONX NY 10467	0.24 SE	+ 7	N/A
82	LUST	INTERMEDIATE SCHOOL 113 1100954/CLOSED	3710 BARNES AVE BRONX NY 10467	0.26 NE	+ 33	N/A
84	LUST	UNOCCUPIED FAMILY HOME 0509613/CLOSED	839 E 214TH ST BRONX NY 10467	0.27 SE	+ 19	N/A
83	LUST	GUN HILL HOUSES -NYCHA 9711346/CLOSED	731 MAGENTA ST BRONX NY 10467	0.27 SW	- 25	N/A
83	LUST	GUN HILL HOUSES -NYCHA 9612384/CLOSED	731 MAGENTA ST BRONX NY 10467	0.27 SW	- 25	N/A
85	LUST	CLOSED-LACKOF RECENT INFO 9009664/CLOSED	525 E GUN HILL RD BRONX NY 10467	0.28 SW	- 42	N/A
86	LUST	CLOSED-LACKOF RECENT INFO 8806294/CLOSED	3757 WHITE PLAINS RD BRONX NY 10467	0.29 NE	+ 23	N/A
87	LUST	UNKNOWN 0210301/CLOSED	861 E 215TH ST BRONX NY 10467	0.30 NE	+ 28	N/A
88	LUST	EXXONMOBIL 9702008/CLOSED	3515 WEBSTER AVE BRONX NY 10467	0.33 NW	- 16	N/A
88	LUST	EXXONMOBIL 9003015/CLOSED	3515 WEBSTER AVE BRONX NY 10467	0.33 NW	- 16	N/A
88	LUST	EXXONMOBIL 9416500/HISTORIC-ACTIVE	3515 WEBSTER AVE BRONX NY 10467	0.33 NW	- 16	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 171 **GEOCODED:** 126 **NON GEOCODED:** 45 **SELECTED:** 5

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
89	LUST	RESIDENCE 0509285/CLOSED	737 BARTHOLDI ST BRONX NY 10467	0.33 SW	+ 8	N/A
90	LUST	ZAPPULLA HOME 0509192/CLOSED	782 MAGENTA AVE BRONX NY 10467	0.34 SE	+ 1	N/A
91	LUST	APART 0800395/ACTIVE	3531 BRONXWOOD AVE BRONX NY 10469	0.35 SE	- 15	N/A
92	LUST	PRIVATE HOME 0700653/CLOSED	3308 HOLLAND AVE BRONX NY 10467	0.38 SE	+ 7	N/A
94	LUST	FORMER ROFAY NURSING HOME 0305261/CLOSED	946 E 211TH ST BRONX NY 10469	0.40 SE	- 8	N/A
93	LUST	935 EAST 213TH ST 9712328/CLOSED	935 E 213TH ST BRONX NY 10469	0.40 SE	+ 28	N/A
95	LUST	NIDUS REALTY APT. 8911290/CLOSED	3355 DECATUR AVE BRONX NY 10467	0.41 SW	+ 18	N/A
96	LUST	CLOSED-LACKOF RECENT INFO 8703618/CLOSED	810 E 220TH ST BRONX NY 10467	0.42 NE	+ 41	N/A
97	LUST	APARTMENT 0602092/ACTIVE	323 E GUN HILL RD BRONX NY 10467	0.45 NW	+ 24	N/A
98	LUST	3260 CRUGER AVE 0305576/CLOSED	3260 CRUGER AVE BRONX NY 10467	0.46 SW	+ 13	N/A
98	LUST	0314076/CLOSED	3260 CRUGER AVE BRONX NY 10467	0.46 SW	+ 13	N/A
100	LUST	871 EAST 220TH ST/BX 9005730/CLOSED	871 E 220TH ST BRONX NY 10467	0.47 NE	+ 51	N/A
99	LUST	3356 PERRY AVE/MOSHOLU 8708004/CLOSED	3356 PERRY AVE BRONX NY 10467	0.47 SW	+ 32	N/A
99	LUST	MOSHOLU PKWY NURSING HOME 8800357/CLOSED	3356 PERRY AVE BRONX NY 10467	0.47 SW	+ 32	N/A
102	LUST	0012828/CLOSED	3505 PERRY AVE BRONX NY 10467	0.48 NW	+ 37	N/A
101	LUST	0306255/CLOSED	3362 COLDEN AVE BRONX NY 10469	0.48 SE	- 11	N/A
105	LUST	RESIDENCE 0406723/CLOSED	760 E 222ND ST BRONX NY 10467	0.49 NE	+ 52	N/A
104	LUST	APARTMENT BLDG. 0403047/CLOSED	344 E 209TH ST BRONX NY 10467	0.49 SW	+ 19	N/A
103	LUST	ANGEL GONZALES 0109656/CLOSED	3252 OLINVILLE AVE BRONX NY 10467	0.49 SW	+ 38	N/A
107	LUST	801 S. OAK DRIVE 9406495/CLOSED	801 S OAK DR BRONX NY 10467	0.50 SE	+ 16	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 171 **GEOCODED:** 126 **NON GEOCODED:** 45 **SELECTED:** 5

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
106	LUST	300 RESERVOIR PLACE 0513030/CLOSED	300 RESERVOIR PL BRONX NY 10467	0.50 SW	+ 30	N/A
	LUST	BASEMENT TANK ROOM 0610526/CLOSED	EASTERN DRAW BRIDGE BLVD BRONX NY	NON GC	N/A	N/A
	LUST	CITY LANDS AUTO REPAIR TTF 1109979/ACTIVE	2575 BOSTON POST RD BRONX NY	NON GC	N/A	N/A
	LUST	UNK RESIDENCE TTF 1113889/ACTIVE	754 MANIVA ST BRONX NY	NON GC	N/A	N/A
	LUST	WOODLAWN CEMETERY 1112487/CLOSED	WEBSTER AVE and 233RD ST BRONX NY	NON GC	N/A	N/A
35	RCRAGN	NYCT - WILLIAMS BRIDGE SQUARE NYR000098483/VGN	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.13 SW	+ 5	N/A
34	RCRAGN	MTA NYCT - GUN HILL RD STATION NYR000110486/LGN	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.13 SW	+ 6	N/A
44	RCRAGN	CUMBERLAND FARMS 70214 NYD98279771/VGN	641 E GUN HILL RD BRONX NY 10467	0.15 SW	- 6	N/A
71	RCRAGN	NYCHA - GUN HILL HOUSES NYR000098558/SGN	3444 WHITE PLAINS RD BRONX NY 10467	0.20 SW	- 8	N/A
72	RCRAGN	MTA NYCT - 219TH ST SIGNAL TOW NYR000115840/VGN	E 217TH ST and WHITE PLAINS BRONX NY 10467	0.22 NE	+ 19	N/A
	RCRAGN	NYCT - WHITE PLAINS BENTS 110 NYR000113779/LGN	WHITE PLAINS FROM PELHAM RD BRONX NY 10467	NON GC	N/A	N/A
	RCRAGN	NYCDOT BIN 22418700 NYR000127860/VGN	GUN HILL BRIDGE OVER RD BRONX NY 10467	NON GC	N/A	N/A
7	SPILLS	3629 WHITE PLAINS RD 9411533/CLOSED	3629 WHITE PLAINS RD BRONX NY 10467	0.02 NE	+ 5	1
12	SPILLS	MANHOLE 23273 0001452/CLOSED	WHITE PLAINS RD and E 212TH BRONX NY 10467	0.04 SW	+ 4	3
15	SPILLS	MOUNT MOREIH CHRISTIAN CHURCH 1006973/CLOSED	704 E 214TH ST BRONX NY 10467	0.05 NE	+ 11	5
21	SPILLS	36-32 WILLETT AVE/BX 9001355/CLOSED	36-32 WILLETT AVE BRONX NY 10467	0.09 NW	+ 10	N/A
22	SPILLS	RESI: ST HILL 9516140/CLOSED	3563 HOLLAND AVE BRONX NY 10467	0.09 SE	+ 12	N/A
23	SPILLS	ROADWAY 0100408/CLOSED	WHITE PLAINS RD and 211TH S BRONX NY 10467	0.09 SW	+ 4	N/A
26	SPILLS	PATRICK and SON AUTO REPAIR 9709435/ACTIVE	3525 WHITE PLAINS RD BRONX NY 10467	0.10 SW	+ 4	7
31	SPILLS	0301969/CLOSED	3542 HOLLAND AVE BRONX NY 10467	0.12 SE	+ 10	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3572 WHITE PLAINS ROAD
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JOB: 12-540

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	221277; OLINVILLE AVE 1009071/CLOSED	OLINVILLE AVE BRONX NY	NON GC	N/A	N/A
	SPILLS	221423; OLINVILLE AVE 1009089/CLOSED	OLINVILLE AVE BRONX NY	NON GC	N/A	N/A
	SPILLS	AMTRAK-SUB 46 0808394/CLOSED	WHITE PLAINS RD BRONX NY	NON GC	N/A	N/A
	SPILLS	AT RESIDENCE 1104115/CLOSED	91 E 211TH ST BRONX NY	NON GC	N/A	N/A
	SPILLS	BET. 212TH ST and 211 ST. 9308832/CLOSED	212TH ST BRONX NY 10467	NON GC	N/A	N/A
	SPILLS	218053; STEUBEN AVE AND GUN H 0914396/CLOSED	STEUBEN AVE and GUN HILL R BRONX NY	NON GC	N/A	N/A
	SPILLS	INTERSECTION OF WHITE PLAINS A 0885739/CLOSED	INTERSECTION OF WHITE PLAIN BRONX NY	NON GC	N/A	N/A
	SPILLS	FORMER GAS STATION 0809015/ACTIVE	1738 GUN HILL RD BRONX NY	NON GC	N/A	N/A
	SPILLS	IFO RESIDENCE 9516561/CLOSED	207 E 214TH ST BRONX NY 10467	NON GC	N/A	N/A
	SPILLS	MAN HOLE 23228 0811228/CLOSED	WHITE PLAINS RD BRONX NY	NON GC	N/A	N/A
	SPILLS	ROADWAY 1012219/CLOSED	WHITE PLAINS RD and E TREMO BRONX NY	NON GC	N/A	N/A
	SPILLS	BUS 5276 0805856/CLOSED	WHITE PLAINS RD/211TH ST BRONX NY	NON GC	N/A	N/A
	SPILLS	208459; 4770 WHITE PLAINS ROAD 0890400/CLOSED	4770 WHITE PLAINS ROAD and BRONX NY	NON GC	N/A	N/A
	SPILLS	SOIL EMIS 217660 0904684/CLOSED	SOUND VIEW AVE and WHITE PL BRONX NY	NON GC	N/A	N/A
	SPILLS	ROADWAY 0909785/CLOSED	WHITE PLAINS RD and PATTERS BRONX NY	NON GC	N/A	N/A
	SPILLS	MANHOLE 15409 0911514/CLOSED	GUN HILL RD and PAULDING AV BRONX NY	NON GC	N/A	N/A
	SPILLS	MANHOLE 28995 0500249/CLOSED	GUN HILL RD and MOSHOLU PKW BRONX NY	NON GC	N/A	N/A
	SPILLS	PARKCHESTER S/S. XFMR 11 LE 0804239/CLOSED	1640 WHITE PLAINS SUB B STA BRONX NY	NON GC	N/A	N/A
	SPILLS	ROADWAY 1111183/CLOSED	GUN HILL RD and KNOX AVE BRONX NY	NON GC	N/A	N/A
	SPILLS	SR CITZEN HOME 9511697/CLOSED	WHITE PLAINS RD BRONX NY	NON GC	N/A	N/A

Environmental FirstSearch Sites Summary Report

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BRONX NY 10467

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	SPILLS	STREET 1113929/CLOSED	WHITE PLAINS RD and BRONX B BRONX NY	NON GC	N/A	N/A
	SPILLS	9905504/CLOSED	GUN HILL and BUSSING RD BRONX NY 10467	NON GC	N/A	N/A
	SPILLS	UNDERGROUND VAULT 1180 1008295/CLOSED	GUN HILL RD and BAINBRIDGE BRONX NY	NON GC	N/A	N/A
	SPILLS	MANHOLE 26582 0205567/CLOSED	GUN HILL RD and WHITESTONE BRONX NY	NON GC	N/A	N/A
	SPILLS	NEW ENGLAND THRUWAY ENT 0305102/CLOSED	GUN HILL RD and NEW ENGLAND BRONX NY	NON GC	N/A	N/A
44	SPILLS80	EXXONMOBIL 8707047/CLOSED	641 E GUN HILL RD BRONX NY 10467	0.15 SW	- 6	N/A
45	SPILLS80	EXXONMOBIL 8807470/CLOSED	688 E GUN HILL RD BRONX NY 10467	0.15 SW	+ 3	N/A
	SPILLS80	GUN HILL RD and E 233RD ST 8801502/CLOSED	E GUN HILL RD and 233RD ST BRONX NY 10467	NON GC	N/A	N/A
	SPILLS80	NEW WINDSOR BRONX 8504703/CLOSED	NEW WINDSOR BRONX BRONX NY	NON GC	N/A	N/A
	SPILLS80	E GUN HILL RD and 233RD ST/BX 8809547/CLOSED	E GUN HILL RD and 233RD ST BRONX NY 10467	NON GC	N/A	N/A
	SPILLS80	BRONX 8503365/CLOSED	BRONX BRONX NY	NON GC	N/A	N/A
	SPILLS80	BRONX 8503141/CLOSED	BRONX BRONX NY 10467	NON GC	N/A	N/A
	SPILLS80	BRONX 8603024/CLOSED	BRONX BRONX NY	NON GC	N/A	N/A
	SPILLS80	BRONX RIVER 8909219/CLOSED	GUN HILL RD and 238TH ST RD BRONX NY	NON GC	N/A	N/A
	SPILLS80	CROSS BRONX EXPRESSWAY/W 8700070/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	SPILLS80	CROSS BRONX EXPWY 8801616/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	SPILLS80	CROSS BRONX EXPWY/BX 8905093/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	SPILLS80	CROSS BRONX EXPWY/BX 8807409/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	SPILLS80	CNTRL TRNSPRTN TANKER 8802530/CLOSED	CROSS BRONX EXPY BRONX NY	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-10467	UNKNOWN NY 10467	NON GC	N/A	N/A

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	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-10469	UNKNOWN NY 10469	NON GC	N/A	N/A
9	UST	3578 WHITE PLAINS RD PBS2-062316/ACTIVE	3578 WHITE PLAINS RD BRONX NY 10467	0.03 SE	+ 3	11
13	UST	664 EAST 213TH STREET LLC PBS2-279714/ACTIVE	664 E 213TH ST BRONX NY 10467	0.04 NW	+ 1	N/A
19	UST	WILLETT REALTY CORP. PBS2-605669/ACTIVE	3619 WILLETT AVE BRONX NY 10467	0.08 NW	+ 7	N/A
18	UST	WILLETT REALTY CORP. PBS2-605670/ACTIVE	3617 WILLETT AVE BRONX NY 10467	0.08 NW	+ 6	N/A
28	UST	HEIGHTS REALTY CO., LLC PBS2-268739/ACTIVE	3604 OLINVILLE AVE BRONX NY 10467	0.10 NW	- 9	N/A
27	UST	3560 OLINVILLE AVE PBS2-318302/ACTIVE	3560 OLINVILLE AVE BRONX NY 10467	0.10 NW	- 17	N/A
26	UST	FATHER and SON AUTO REPAIR INC PBS2-248770/UNREGULATED	3525 WHITE PLAINS RD BRONX NY 10467	0.10 SW	+ 4	N/A
37	UST	LINDVILLE HOUSING CO PBS2-117609/ACTIVE	3555 OLINVILLE AVE BRONX NY 10467	0.13 NW	- 30	N/A
38	UST	WILLIAMSBRIDGE STATION PBS2-604658/ACTIVE	711 E GUN HILL RD BRONX NY 10467	0.13 SW	+ 4	N/A
36	UST	KING DAVID PROPERTY LLC PBS2-155500/ACTIVE	3520 OLINVILLE AVE BRONX NY 10467	0.13 SW	- 19	N/A
34	UST	GUNHILL COMFORT STATION PBS2-604967/ACTIVE	E GUN HILL RD and WHITE PLA BRONX NY 10467	0.13 SW	+ 6	N/A
38	UST	WILLIAMSBRIDGE POST OFFICE PBS2-476102/ADMINISTRATIVELY CLO	711 E GUN HILL RD BRONX NY 10467	0.13 SW	+ 4	N/A
47	UST	MEHBRO REALTY CORP. PBS2-363081/ACTIVE	3604 BRONX BLVD BRONX NY 10467	0.15 NW	- 25	N/A
46	UST	3514 HOLLAND AVENUE PBS2-604723/ACTIVE	3514 HOLLAND AVE BRONX NY 10467	0.15 SE	+ 4	N/A
44	UST	CUMBERLAND FARMS 70214 PBS2-188433/ACTIVE	641 E GUN HILL RD BRONX NY 10467	0.15 SW	- 6	N/A
45	UST	MOBIL R/S 10166 PBS2-156264/ACTIVE	688 E GUN HILL RD BRONX NY 10467	0.15 SW	+ 3	N/A
56	UST	635 E 211 ST PBS2-198803/ACTIVE	635 E 211TH ST BRONX NY 10467	0.16 SW	- 35	N/A
60	UST	ALPS REALTY OF NY CORP. PBS2-297976/ACTIVE	3650 BRONX BLVD BRONX NY 10467	0.17 NW	- 16	N/A
59	UST	3640 BRONX BLVD PBS2-233811/ACTIVE	3640 BRONX BLVD BRONX NY 10467	0.17 NW	- 15	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

TOTAL: 171 **GEOCODED:** 126 **NON GEOCODED:** 45 **SELECTED:** 5

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
61	UST	IMMACULATE CONCEPTION CHURCH PBS2-062529/ACTIVE	750 E GUN HILL RD BRONX NY 10467	0.17 SE	- 6	N/A
58	UST	3534 BRONX BLVD OWNER LLC PBS2-235237/ACTIVE	3534 BRONX BLVD BRONX NY 10467	0.17 SW	- 46	N/A
67	UST	IMMACULATE CONCEPTION RECTORY PBS2-064181/ACTIVE	754 E GUN HILL RD BRONX NY 10467	0.18 SE	- 6	N/A
68	UST	IMMACULATE CONCEPTION SCHOOL PBS2-062537/ACTIVE	760 E GUN HILL RD BRONX NY 10467	0.18 SE	- 8	N/A
69	UST	751 TILDEN STREET CORPOARTION PBS2-338850/UNREGULATED	751 TILDEN ST BRONX NY 10467	0.19 SE	+ 1	N/A
73	UST	BRONXWOOD HOME PBS2-605463/ACTIVE	799 E GUNHILL BRONX NY 10467	0.22 SE	- 12	N/A
74	UST	FDNY - ENGINE COMPANY 62 PBS2-600555/UNREGULATED	3431 WHITE PLAINS RD BRONX NY 10467	0.23 SW	- 11	N/A
78	UST	TILDEN TOWERS HOUSING CO.,INC. PBS2-404160/ACTIVE	3511 BARNES AVE BRONX NY 10467	0.24 SE	+ 7	N/A
80	UST	GOJCAJ REALTY CORPORATION PBS2-602082/ACTIVE	3435 OLINVILLE AVE BRONX NY 10467	0.25 SW	- 18	N/A
79	UST	CITY OF FAITH CHURCH OF GOD PBS2-327565/ACTIVE	3453 WHITE PLAINS RD BRONX NY 10467	0.25 SW	- 22	N/A

Environmental FirstSearch
Site Detail Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 7 **DIST/DIR:** 0.02 NE **ELEVATION:** 97 **MAP ID:** 7

NAME: 3629 WHITE PLAINS RD	REV: 4/5/12
ADDRESS: 3629 WHITE PLAINS RD	ID1: 9411533
BRONX NY	ID2: 108149
BRONX	STATUS: CLOSED
CONTACT:	PHONE:
SOURCE: NYSDEC	

SITE INFORMATION

SPILL DATE: 11/29/1994
DATE REPORTED: 11/29/1994
CLOSED DATE: 11/29/1994

INSP DATE:	
MATERIAL SPILLED: 2 FUEL OIL	AMOUNT SPILLED: 1 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: OTHER
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: KSTANG
SPILL CONTACT:
TELEPHONE:

SPILLER: WHITE PLAINS ASSOCIATION

ADDRESS: 3629 WHITE PLAINS RD
BRONX, NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 9/30/2004
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

CALLER REMARKS: VENT LINE CLOGGED- 1 PINT CAME OUT ON SIDE WALK. SENT OUT SPILL TEAM.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch Site Detail Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 8 **DIST/DIR:** 0.04 SW **ELEVATION:** 96 **MAP ID:** 12

NAME: MANHOLE 23273	REV: 4/5/12
ADDRESS: WHITE PLAINS RD and E 212TH BRONX NY BRONX	ID1: 0001452
	ID2: 129128
CONTACT:	STATUS: CLOSED
SOURCE: NYSDEC	PHONE:

SITE INFORMATION

SPILL DATE: 5/4/2000
DATE REPORTED: 5/4/2000
CLOSED DATE: 3/23/2004

INSP DATE:	AMOUNT SPILLED: 1 G
MATERIAL SPILLED: DIELECTRIC FLUID	AMOUNT RECOVERED: 0 G
MATERIAL CLASS: PETROLEUM	

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: JHOCONNE
SPILL CONTACT: TONY LOPEZ
TELEPHONE: (212) 580-6763

SPILLER: CON ED

ADDRESS: , NY

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 3/23/2004
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: DEFECTIVE CABLE ALLOWED 1 QT OF MATERIAL TO LEAK INTO MANHOLE CLEAN UP
PENDING LAB RESULTS - CON ED SPILL 131219

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O CONNELL e2mis no. 131219: 1 quart dielectric fluid spill from blown joint in mh 23273. Oil on floor of manhole, no water in hole and no oil in sump. Cleanup will start as soon as results come back. Lab Sequence Number: 00-04414 PCB 2 ppm 5/5/00 The flush crew removed approx. (1) quart of unknown oil from the manhole, then the manhole was power washed twice. No solid debris was generated, the wash water was removed by the vacor truck. The crew found that the sewer had been previously sealed, The sump was concrete. Blown joint replaced 5/5/00 at 20:55 as per engineering records.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 8	DIST/DIR: 0.04 SW	ELEVATION: 96	MAP ID: 12
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NAME: MANHOLE 23273
ADDRESS: WHITE PLAINS RD and E 212TH
BRONX NY
BRONX
CONTACT:
SOURCE: NYSDEC

REV: 4/5/12
ID1: 0001452
ID2: 129128
STATUS: CLOSED
PHONE:

**Environmental FirstSearch
Site Detail Report**

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 9 **DIST/DIR:** 0.05 NE **ELEVATION:** 103 **MAP ID:** 15

NAME: MOUNT MOREIH CHRISTIAN CHURCH	REV: 4/5/12
ADDRESS: 704 E 214TH ST	ID1: 1006973
BRONX NY	ID2: 440354
BRONX	STATUS: CLOSED
CONTACT:	PHONE:
SOURCE: NYSDEC	

SITE INFORMATION

SPILL DATE: 9/29/2010
DATE REPORTED: 9/29/2010
CLOSED DATE: 9/29/2010

INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL **AMOUNT SPILLED:**
MATERIAL CLASS: PETROLEUM **AMOUNT RECOVERED:**

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: RVKETANI
SPILL CONTACT: RODGE
TELEPHONE: (516) 424-4811

SPILLER: MOUNT MOREIH CHRISTIAN CHURCH
RODGE
ADDRESS: 704 EAST 214TH ST
BRONX, NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 9/29/2010
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: LINE HAS FAILED DUE TO AGE AND LOST PRODUCT. CLEAN UP PENDING.CONSTRUCTION
COMPANY ON SITE WILL CLEAN UP.

DEC REMARKS:

9/29/10 - Raphael Ketani. The spill occurred today at a house owned by the Mount Moreih Christian Church that was being renovated. It involved a fill pipe that was leaking at a joint. Allegedly, some 2 oil spilled to the floor. The construction company called it in, but they left after the spill without doing anything. Steve Sangesland, Duty Desk Officer, set up a 2PM appointment for me to visit the site. I visited the site as scheduled and met Rodge, the foreman. He showed me the spill (see pictures in E-docs). The fill pipe daylight at the metal cellar doors which are built into the sidewalk. Then it sits above the stairs and follows them down to the basement. The spill was at the first connection of the fill pipe. Rodge pointed out that he had installed new piping for the fill pipe. He also said that only a small amount of oil had spilled and it had mostly landed on the concrete stairs. I looked at the stairs and the basement floor around and under the 275 gal. fuel tank and they appeared to be in good shape with no cracks. There were no sumps or drains nearby. Some Speedi Dri was still sitting on the stairs and around and under the tank, but the odors were only slight. I looked under the tank and did not see any sign that it had leaked, but the outside of the tank was very rusted. The gauge on the tank showed that the tank was one eighth full. After this I left the site.

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 9	DIST/DIR: 0.05 NE	ELEVATION: 103	MAP ID: 15
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NAME: MOUNT MOREIH CHRISTIAN CHURCH
ADDRESS: 704 E 214TH ST
BRONX NY
BRONX

REV: 4/5/12
ID1: 1006973
ID2: 440354
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NYSDEC

As the spill had been contained and cleaned up, I have determined that it poses no threat to the public or the environment. Therefore, I am closing the spill case.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 10 **DIST/DIR:** 0.10 SW **ELEVATION:** 96 **MAP ID:** 26

NAME: PATRICK and SON AUTO REPAIR	REV: 4/5/12
ADDRESS: 3525 WHITE PLAINS RD	ID1: 9709435
BRONX NY	ID2: 170772
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NYSDEC	

SITE INFORMATION

SPILL DATE: 11/13/1997
DATE REPORTED: 11/13/1997
CLOSED DATE:

INSP DATE:		
MATERIAL SPILLED: DIESEL	AMOUNT SPILLED:	0 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED:	0 G
MATERIAL SPILLED: GASOLINE	AMOUNT SPILLED:	0 G
MATERIAL CLASS: PETROLEUM	AMOUNT RECOVERED:	0 G

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

RESOURCE AFFECTED

SOIL: YES	AIR: NO
INDOOR AIR: NO	GROUNDWATER: NO
SURFACE WATER: NO	DRINKING WATER: NO
SEWER: NO	IMPERVIOUS SURFACE: NO
SUBWAY: NO	UNDERGROUND UTILITIES: NO

CAUSE OF SPILL: HOUSEKEEPING
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: aaobliga
SPILL CONTACT: PATRICK BOODOO
TELEPHONE: (718) 881-0177

SPILLER: WHITE PLAINS HOLDING CORP
ALEX DYNNIKOV
ADDRESS: 3525 WHITE PLAINS ROAD
BRONX, NY 10467-
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 1/6/2012
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: SOIL CONTAMINATION FOUND REMOVAL OF THREE 550 GALLON GASOLINE TANKS, AND THREE 550 GALLON DIESEL TANKS. APPROXIMATELY 40-50 YARDS OF SOIL TO BE STOCKPILED.

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 10 **DIST/DIR:** 0.10 SW **ELEVATION:** 96 **MAP ID:** 26

NAME: PATRICK and SON AUTO REPAIR	REV: 4/5/12
ADDRESS: 3525 WHITE PLAINS RD	ID1: 9709435
BRONX NY	ID2: 170772
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NYSDEC	

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT This Spill cleanup project has been reassigned from DEC (Sigona) to Rommel on 2/2/2004(diesel). This spill was reassigned from DEC Sigona to Rommel on January 7, 2004 (gasoline). DEC (Sigona) received a call from Romeo Santos completed report this week 1/5/98. Called (Sigona) from 718-641-4000, 120-08 liberty avenue, 2nd floor, Richmond Hill, N.Y. 11419. He will send the report to Sigona for review this week. 4/21/04-Vought-Spill transferred from Rommel to Vought. Received call Michael Ketwaru (718-881-0177) who is property owner and is looking to sell property. Sale was put on hold due to open spill. Ketwaru has file on hand and will send in copies to Vought. 5/18/04-Vought-Reveiwed UST Closure report received on 4/26/04 from Don Carlo(Romeo Santos 516-651-1138). Removal of six (550-gallon) gasoline USTs and one (300-gallon) gasoline UST. The tanks are located benarth concrete pavement in three separate locations within the middle of the comercial property facing south of White Plains Road . An area of contamination was located on the perimeter north group of 3 X550 gallons regular gasoline tank pit near the front end of the office service station within 6-8 depth of excavation after the tanks were removed. 30.60 tons of contaminated soil were removed from site. DEC requires 1)submission of a groundwater sample 2)site plan with all previous and current borings/wells 3)future analyticals to include MTBE. 5/18/04-Vought-Received message from Ketwaru (347-992-2965) requesting status of review. Vought returned call and will sent letter requiring the same. 8/13/04-Vought-Spoke with Mike Ketwaru and he is considering se/lling property. Vought referred to outstanding requirements of 5/18/04 and sent him another copy of letter and copy of contractor list. 9/23/05-File transferred from Vought to Obligado 9/5/06 - Obligado - Called Mr. Ketwaru. Inquired if he took ground water samples prior to selling property. He said no but the buyer did an environmental assessment. He gave me contact information for the developer. Melody Development, Inc. John Khani 223-17 Hempstead Ave Queens Village, NY 11429 (718) 454-1600 I called Mr. Khani to inquire about the site. He said they hired Hydrotech Environmental to deal with any environmental issues related to the site. I called Rachel Ataman at Hydrotech (631) 462-5866 and left message to call DEC. 9/6/06 - Obligado - Voicemail from Yash Saha at Hydrotech. She said to call Kathy at Hydrotech in Long Island. Called Kathy, left message to call DEC. 9/20/06 - Obligado - Called Kathy from Hydrotech. She will email me an assessment report prepared by Hydrotech in 2004. She doesn't know the current site status. I received the emailed report shortly after. Subsurface Investigation Report, by Hydro Tech Environmental, Corp, dated July 23, 2004, prepared for Mr. David Manesh. Using a geoprobe, 4 soil probes advanced, and 1 ground water probe installed. Lithology was gravely sand to 8 ft then a clay and sand mixture down to 20 ft in SP2. SB1, 3, and 4 had refusal between 8 and 14 ft, possibly due to compact clay. GRound water was found between 30 and 35 ft bgs. Notable soil results in ppb: SP-1 - 5560 toluene, 10500 ethylbenzene, 87000 xylene, 273,000 total VOCs SP-2 - 7344 xylenes, 239505 total VOCs SP-3 - ND (Collected inside garage footprint) SP-4 - 11300 ethylbenzene, 34000 xylene, 193423 total VOCs Ground Water results in ppb: MW-1 - non-detect (This was an existing well on the sidewalk east of the site MW-2 - 3410 ethylbenzene, 5609 xylenes, 22452 total VOCs. 9/28/06 - Obligado - Called Melody developers. He said Mark Robbins will give me a call. Sent MELody Developers stipulation agreement with a 10/28/06 due date for signing. 10/16/06 - Obligado - Signed stipulation has been received and passed on to Lou Oliva. 10/17/06 - Obligado - STIP executed by Oliva 10/25/06 - Obligado - Received phone call from architect Sherwin. They plan to build a 2 story commercial building at the site, slab on grade. Informed him that ground water would have to be remediated, and a vapor barrier and sub-slab vent would be required. 11/1/06 - Obligado - Spoke to Eva, she inquired if she could email the IWP. Told her yes and that she should send the had copy as well. I would review within about a week. 11/3/06 - Obligado - Approved Investigation Work Plan. Emailed approval letter to Hydrotech, faxed and mailed to Melody Development. ISR due 1/4/07 2/2/07 - Obligado - Reviewed the investigation summary report. Addition delineation is needed to the northeast, downgradient of MW2 and MW6. Sent letter requiring additional ground water delineation. 2/6/07 - Obligado - After discussion with Rachel Ataman, agree that the results of the additional delineation could be submitted with a RAP. 4/18/07 - Obligado - RAP received. 5-10-07 - Obligado - reviewed RAP. Two additional wells were non-detect. The plume has been completely delineated. The RAP proposed Excavation of contaminated soil and ORC injection to treat ground water. The RAP does not say anything about development plans. Sent letter to Mr. Manesh requiring a RAP Addendum submission within 30 days with 1)future anticipated use of the site, 2)vapor mitigation system. Due date within 30 days of receipt. 5/11/07 - Obligado - Delivery confirmation. 6/28/07 - Obligado - Sent email to EVA jakobowski inquiring about overdue letter. 7/5/07 - Obligado - Received Email from Rachel Ataman inquiring about the RAP disapproval letter I sent. My client knows he would like to build residential but he does not have plans yet. Could we agree to install a vapor barrier but not provide you with the actual specs? I replied as follows - that I don't need the specific plans at this moment. I just need a commitment from the client in writing (as a RAP Addendum letter), that he will submit plans for vapor intrusion mitigation to the Department for approval prior to development. Also that according to the most recent October 2006 NYSDOH Vapor Intrusion Guidance, a vapor barrier alone is not sufficient to prevent vapor intrusion, and that a sub-slab depressurization system is also required. 9/11/07 - Obligado - Spoke to Eva, she said the owner did not have any development plans right now. I repeated the above. 9/21/07 - Obligado - Received RAP Addendum letter stating that a vapor intrusion mitigation plan will be submitted to the Department prior to development. I approved the RAP and sent an approval letter to Melody and an email pdf letter to Eva. 9/26/07 - Obligado - Received delivery confirmation, letter received by melody Development on 9/27/07. RAP implementation by 11/12/07. 4/11/08 - Obligado - Sent email to Rachel Ataman requesting status of remediation. 4/18/08 - Obligado - Spoke to Mark Robbins. I asked him the status of this project. He said he would contact his client and give me an update next Tuesday. I asked him if the RAP for soil excavation and ORC injection has been performed. He said no. This case has been referred to Legal for STIP violation 5/9/08 - Obligado- Receive from Legal cc of Consent Order sent to Melody Development, Inc. 5/20/08 - Obligado - Spoke to Paul Stewart. He said he has been retained by Melody Development. He wants to collect more data and submit a new RAP. I told him to submit a proposal by the Consent Order deadline. 6/12/08 - Obligado - Received proposal from Paul Stewart to do additional investigaiton - more wells and test pits. I sent email approval of the proposal. Required

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 10 **DIST/DIR:** 0.10 SW **ELEVATION:** 96 **MAP ID:** 26

<p>NAME: PATRICK and SON AUTO REPAIR ADDRESS: 3525 WHITE PLAINS RD BRONX NY BRONX CONTACT: SOURCE: NYSDEC</p>	<p>REV: 4/5/12 ID1: 9709435 ID2: 170772 STATUS: ACTIVE PHONE:</p>
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submission of a revised RAP within 60 days. 7/22/08 - Obligado - Received voice mail from Paul Stewart. They have begun additional investigation work at the site. I called him back and left a message. 7/23/08 - Obligado - Spoke with Paul Stewart. They did several test pits and installed 3 monitoring wells at the site. They will return to the site to sample the wells. A new RAP will be submitted based on the findings by August 29, 2008. 9/5/08 - Obligado - Spoke with Paul Stewart. They've gotten all the results from the additional work. He asked for extension until September 12, 2008 for RAP. I granted the extension. 10/21/08 - Obligado - Reviewed a Revised RAP. The report documents additional investigation and proposes excavation of contaminated soil and ground water monitoring. According to the report, previously reported GW flow direction was incorrect, and flow is actually to the northwest. The plume has not been delineated in this direction and may be migrating off-site. Draft letter requiring additional delineation to the northwest (downgradient). 10/22/08 - Obligado - Sent letter to Melody Development and cc to Paul Stewart. 12/12/08 - Obligado - Received workplan for additional well install 12/17/08 - Obligado - Approved workplan, report due 60 days 3/4/09 - Obligado - Completed review of Investigation Report and RAP. I sent a letter to David Manesh approving delineation, but disapproving RAP and providing comments. RAP should be resubmitted within 30 days. Comment letter is in edocs. 6/30/09 - Obligado - Reviewed revised RAP, which addressed comments. RAP is for excavation down to 14 ft bgs. Endpoint samples will be collected. Shoring will be installed along white plains road. Chemical oxidants to be applied if residual contamination remains. A MW reinstallation will be submitted upon completion of excavation. Site will be redeveloped as 1 story commercial building with a sub grade garage. Plan includes contingency for vapor barrier/sub-slab deperization depending on endpoint results. Sent Approval letter 12/17/09 - Obligado - No monitoring reports have been received or updates on remediation. Called Paul Stewart to inquire about site status. Received a call back from Paul Stewart. David Manesh has started excavating, but on the clean western portion of the property moving towards the east. Due to DOB and shoring issues, they had to temporarily shut down, but excavation has resumed and they would probably reach the hot spot next week. According to Paul Stewart, they located MW2 and sampled it. A monitoring report will be submitted by the end of the month. They also found a 275 gallon UST. Paul said they will get a licensed contractor to remove it. 1/7/10 - Obligado - Received a call from Paul Stewart. He visited the yesterday and they have completed the excavation. According to Paul, he was not on-site during any of the excavation and did not screen any soils with a PID or collect any endpoint samples. I went to the site to inspect. I found several violations of the RAP. No environmental technician or consultant was on-site. There was no screening soils, did not take endpoint samples, did not excavate the required depth to the water table, did not stockpile contaminated soil on sheeting. I spoke with the Site Supervisor - Azine Sayed 917-414-3665. He showed me disposal manifests. He was unaware of the requirements of the RAP. I told him they were in violation of the RAP and to stop excavating/and pouring foundations in the contaminated eastern portion. I told him I would send a letter listing violations. Additionally, according to AZine, they removed 3 USTs. He said a licensed contractor did the work. 1/8/10 - Obligado - Sent a notice of violation to David Manesh/Melody Development, in edocs. Required him to cease excavation/building on eastern portion and remove the concrete footings which were installed in contaminated area. Required that they provide documentation of proper closure and removal of USTs and update of registration. Required a HAZWOPER certified environmental professional be on-site during any work in contaminated area and that they proceed with work in accordance with the RAP. 1/13/10 - Obligado - I received a phone call from Paul Stewart. He said they excavated the northeastern portion of the site. They were able to excavate to an additional 8 ft deeper (approximately 18 ft bgs). They excavated an area about 20 ft by 40 ft. Along edge of property adjacent to neighboring building, below the foundation wall and footings he noticed at about 5 ft bgs there was grossly contaminated soil with water and oil globules seeping into the excavation. I told Paul I would like to inspect the site in the morning. 1/14/10 - Obligado - Met Paul Stewart at the site to inspect. Upon arrival, the 2 concrete footings and steel columns in the contaminated soil area were still there. Paul showed me the area they excavated. I informed him those 2 footings would have to be removed because there is additional contaminated soil that needs to be excavated according to Figure 5 of the RAP. He suggested before removing the footings/steel they should do several test pits around them to see. They dug 4 test pits in the eastern portion of the site. 2 of the test pits were heavily contaminated with black stained soil and high PID readings. GW was encountered approximately 4 to 7 ft below. Test pits further to the south and west were cleaner without stained soil, and bedrock was encountered at about 4 ft in the southeastern most test pit. Test pits confirmed the area of contamination shown of Figure 5 of the RAP. Based on test pits I instructed Mr. Sayed (the site supervisor) that the two footing/steel structures must be removed and additional contaminated soil area must be excavated down to the water table. He agreed and said they would begin on Monday 1/18/10. Additionally Paul had the excavator do a test pit to expose the oil seep which he described on the phone. Heavily contaminated soil was present beneath the wall footings and water with a sheen seeped out. In that area they will backfill with p-gravel and install a sump/well to see if free product accumulates. All test pits were backfilled. 1/20/10 - Obligado - I inspected the site again. Paul Stewart, David Manesh, and Mr. Sayed were on-site. According to Paul Stewart they have completed the excavation. They dug to clean or to the extent feasible. There is probably still contaminated soil undersidewalk and adjacent building. They sent endpoint samples for analysis and will provide me the results tomorrow. Mr. Manesh will not do any additional backfill until results are received and approved. We discussed the need for 3 additional wells in the source area subsequent to backfilling. Additionally, I told Mr. Manesh that a vapor barrier was required to cover the entire floor area. I also recommended installation of piping under the slab as a contingency to serve as either injection for groundwater remediation or vent pipes for vapor evacuation. Mr. Manesh agreed. Paul Stewart will develop the plans and submit them to me. 3/1/10 - Obligado - I received an email from Paul Stewart. They have not done any work at the site since my last visit. Paul will prepare plans for the piping, barrier, and wells. According to Paul, Mr. Manesh is not planning on installing a foundation for several months. 5/4/11 - Obligado - I reviewed a site status report. I emailed a disapproval letter to Melody Development and Paul Stewart of ACT. Comments were as follows: Disposal Facility: According to the report, during December 2009, over 900 tons of non-hazardous soil were excavated from the Site and transported to an approved disposal facility in Long Pond, Pennsylvania. Neither the report, nor the waste manifests provide the name of this disposal facility. Please provide the name, contact information, and a copy of the state permit or license for this

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

SPILLS

SEARCH ID: 10 **DIST/DIR:** 0.10 SW **ELEVATION:** 96 **MAP ID:** 26

NAME: PATRICK and SON AUTO REPAIR
ADDRESS: 3525 WHITE PLAINS RD
BRONX NY
BRONX
CONTACT:
SOURCE: NYSDEC

REV: 4/5/12
ID1: 9709435
ID2: 170772
STATUS: ACTIVE
PHONE:

disposal facility. Incomplete Waste Manifests: All the waste manifests are incomplete. None of the waste manifests provide the name of the waste disposal facility or the time and date that the material was received by the facility. Of the 27 waste manifests, 20 manifests were not signed as having been received by the disposal facility. Please provide completed waste manifests. Missing Soil Disposal Documentation: According to the report, between January 12 and January 19, 2010, ACT monitored additional soil excavation in the northeast portion of the site. No disposal documentation was provided for this additional excavated soil. Please provide waste manifests for this additional soil excavation. Endpoint Sample Results: Please provide tabulated sampling results, a map showing sampling locations, and a copy of the laboratory analytical report. Monitoring Wells and Groundwater Sampling: According to the report, 2 of the monitoring wells have been damaged or destroyed. These wells must be reinstalled. Also, according to the report, ground water was sampled for only BTEX and MTBE. The Department requires that all monitoring wells must be sampled on a quarterly basis for STARS list VOCs and SVOCs via EPA method 8260 and 8270. I required submission of above missing documentation within 30 days. 6/7/11 - Obligado - I received photodocumentation of the vapor barrier installation. 6/14/11 - Obligado - The Report Addendum is overdue. I sent an email to Mr. Manesh and Paul Stewart and required submission of overdue Report Addendum by the close of business 6/17/11. 7/7/11 - Obligado - Received a revised report. Approximately 2000 tons of soil were removed. 1000 initially, and approximately 1000 more after my site inspection revealed additional contaminated soil. The report contains a permit from the Township of Tobyhanna which is unacceptable. All the manifests were included and contained signatures, however the name of the disposal facility was not listed, only the address. The report is still unacceptable. 1/5/12 - Obligado - I received a phone call from David Manesh inquiring if the spill could be closed. I told him no, that they still needed to do additional sampling and there were still issues related to the soil disposal. I asked him if he knew where the soil went and he said no. He gave me the contact information of Eddie and U.S. National LLC (201) 852-4274 and (201) 964 - 0064. 1/6/12 - Obligado - I called Eddie and left a message on his voice mail regarding the soil disposal.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

UST

SEARCH ID: 19 **DIST/DIR:** 0.03 SE **ELEVATION:** 95 **MAP ID:** 9

NAME: 3578 WHITE PLAINS RD	REV: 4/5/12
ADDRESS: 3578 WHITE PLAINS RD	ID1: PBS2-062316
BRONX NY 10470	ID2:
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NY DEC	

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 2002/02/05

CONTACT INFORMATION

COMPANY NAME: MANUEL and NATALIA MARTINEZ
CONTACT :

2520 HONE AVE
BRONX,NY, 10469

(212) 655-0956

COMPANY NAME: MANUEL and NATALIA MARTINEZ
CONTACT : MANUEL MARTINEZ

,NN,

(212) 655-0956

COMPANY NAME: 3578 WHITE PLAINS RD
CONTACT : MANUEL MARTINEZ

,NN,

(212) 655-2956

TANK INFORMATION

TANK NUMBER: 001	TANK ID: 2198
TANKS STATUS: IN SERVICE	INSTALL DATE: 12/1/1965
CAPACITY(GAL): 1500	DATE OF TEST: 11/1/1996
NEXT TEST: 11/1/2001	CLOSED DATE:
REGISTERED: YES	TANK TYPE: STEEL/CARBON STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS	

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER: 001	TANK STATUS: IN SERVICE
ACTIVE STATUS: ACTIVE	INSTALLED: 12/1/1965
CLOSED:	TANK CAPACITY: 1500 GALLONS
PRODUCT: 2 FUEL OIL	

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

UST

SEARCH ID: 19 **DIST/DIR:** 0.03 SE **ELEVATION:** 95 **MAP ID:** 9

NAME: 3578 WHITE PLAINS RD	REV: 4/5/12
ADDRESS: 3578 WHITE PLAINS RD	ID1: PBS2-062316
BRONX NY 10470	ID2:
BRONX	STATUS: ACTIVE
CONTACT:	PHONE:
SOURCE: NY DEC	

TANK TYPE:	STEEL/CARBON STEEL/IRON
TANK LOCATION:	UNDERGROUND
INTERNAL PROTECTION:	NONE
EXTERNAL PROTECTION:	NONE
EXTERNAL PROTECTION 2:	

PIPE TYPE:	GALVANIZED STEEL
PIPE LOCATION:	NO PIPING
EXTERNAL PROTECTION:	NONE
EXTERNAL PROTECTION 2:	

SECONDARY CONTAINMENT:	NONE
SECONDARY CONTAINMENT 2:	
LEAK DETECTION:	IN-TANK SYSTEM (ATG)
LEAK DETECTION 2:	

OVERFILL PROTECTION:	PRODUCT LEVEL GAUGE (A/G)
OVERFILL PROTECTION 2:	
DISPENSER:	SUCTION
SPILL PREVENTION:	
DATE TESTED:	11/1/1996
NEXT TEST:	11/1/2001
TEST METHOD:	PETRO-TITE/PETRO COMP

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 3572 WHITE PLAINS ROAD
BRONX NY 10467

JOB: 12-540

Street Name	Dist/Dir	Street Name	Dist/Dir
Barnes Ave	0.22 NE		
Bronx Blvd	0.14 NW		
Bronx River Pky	0.21 NW		
Capuchin Way	0.22 SE		
Carlisle Pl	0.14 SE		
Donofrio Sq	0.03 NE		
Duncomb Ave	0.03 SE		
E 211th St	0.08 SW		
E 212th St	0.03 SE		
E 213th St	0.02 NE		
E 214th St	0.06 NE		
E 215th St	0.12 NE		
E 216th St	0.19 NE		
E 217th St	0.25 NE		
E Gun Hill Rd	0.12 SW		
Holland Ave	0.10 SE		
Olinville Ave	0.10 NW		
Tilden St	0.16 SE		
Wallace Ave	0.22 SE		
White Plains Rd	0.01 SE		
Willett Ave	0.05 NW		

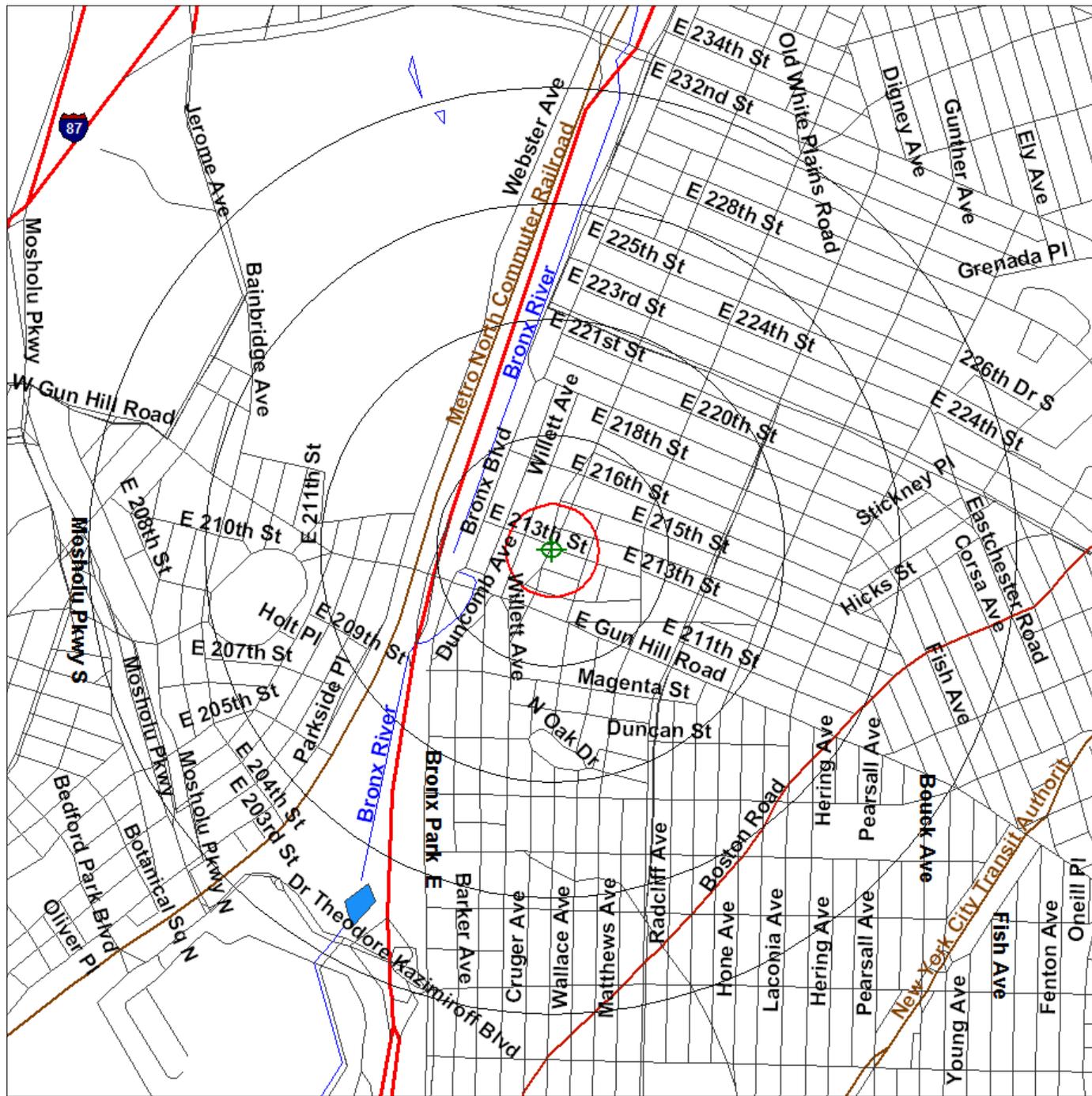


Environmental FirstSearch

1 Mile Radius
AAI: NPL, RCACOR, STATE



3572 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.87911 Longitude: -73.865315)

Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



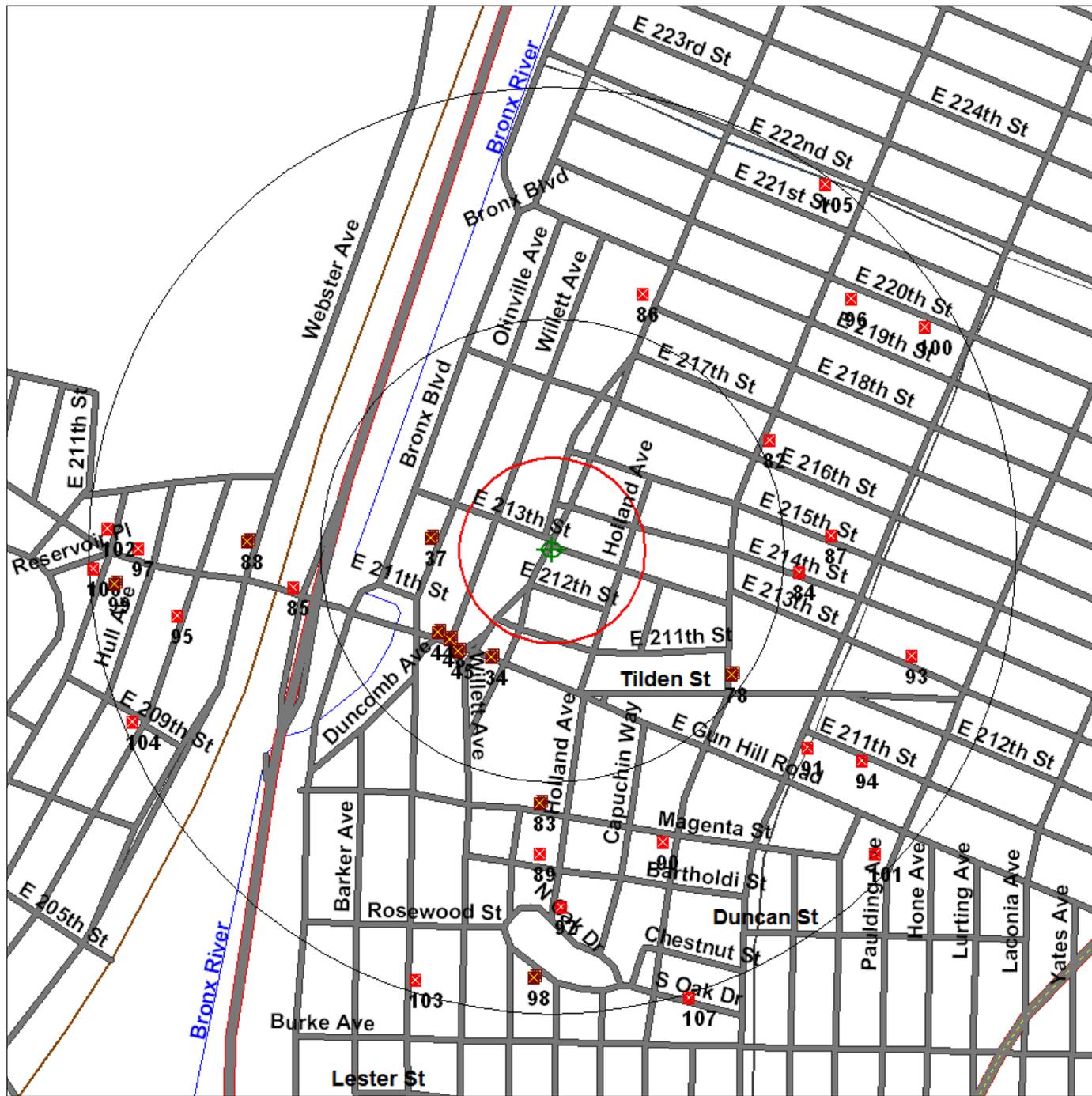


Environmental FirstSearch

.5 Mile Radius
AAI: Multiple Databases



3572 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.87911 Longitude: -73.865315)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand.....
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



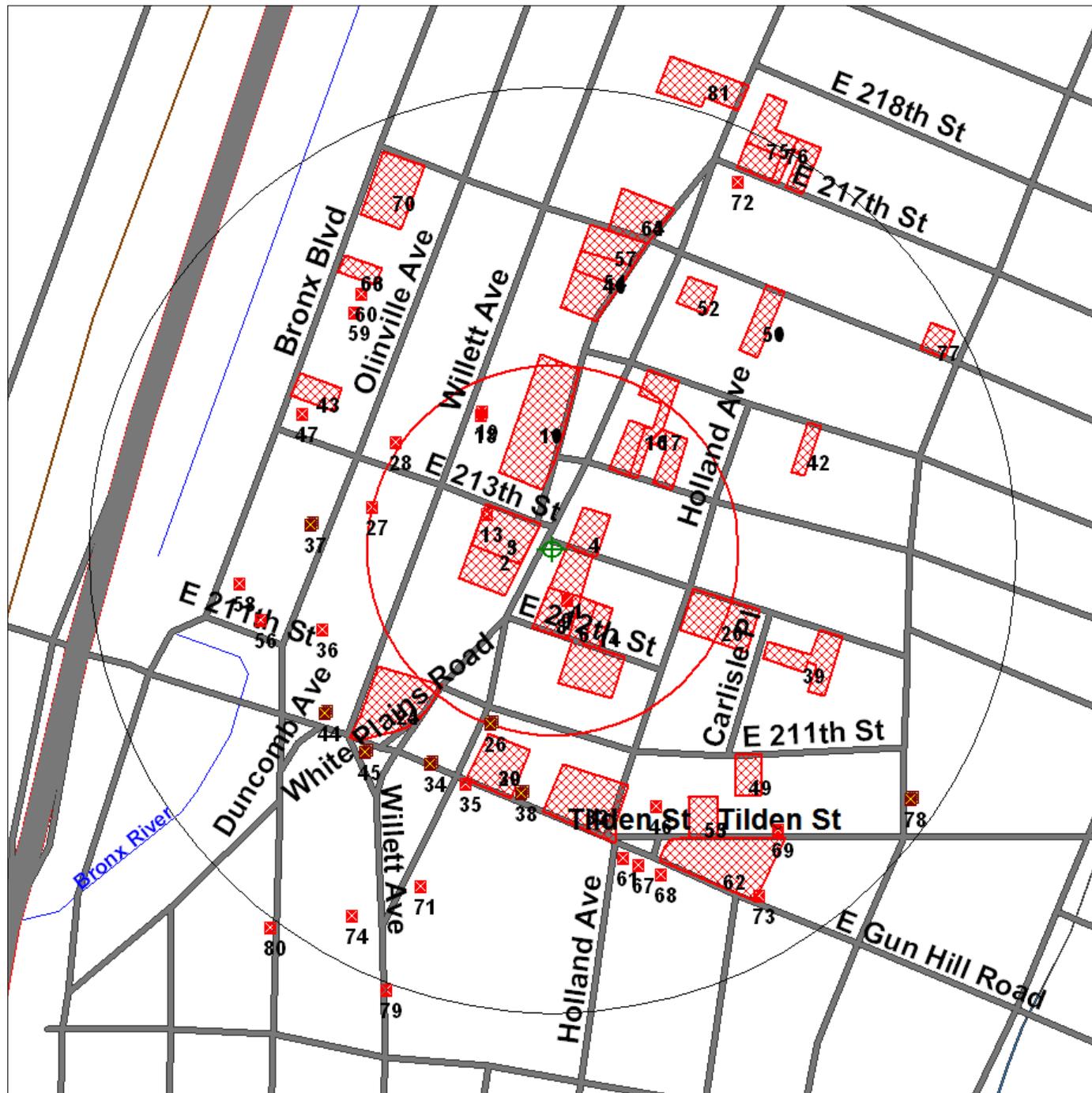


Environmental FirstSearch

.25 Mile Radius
AAI: RCRA GEN, UST, SPILLS80



3572 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.87911 Longitude: -73.865315)

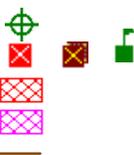
Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



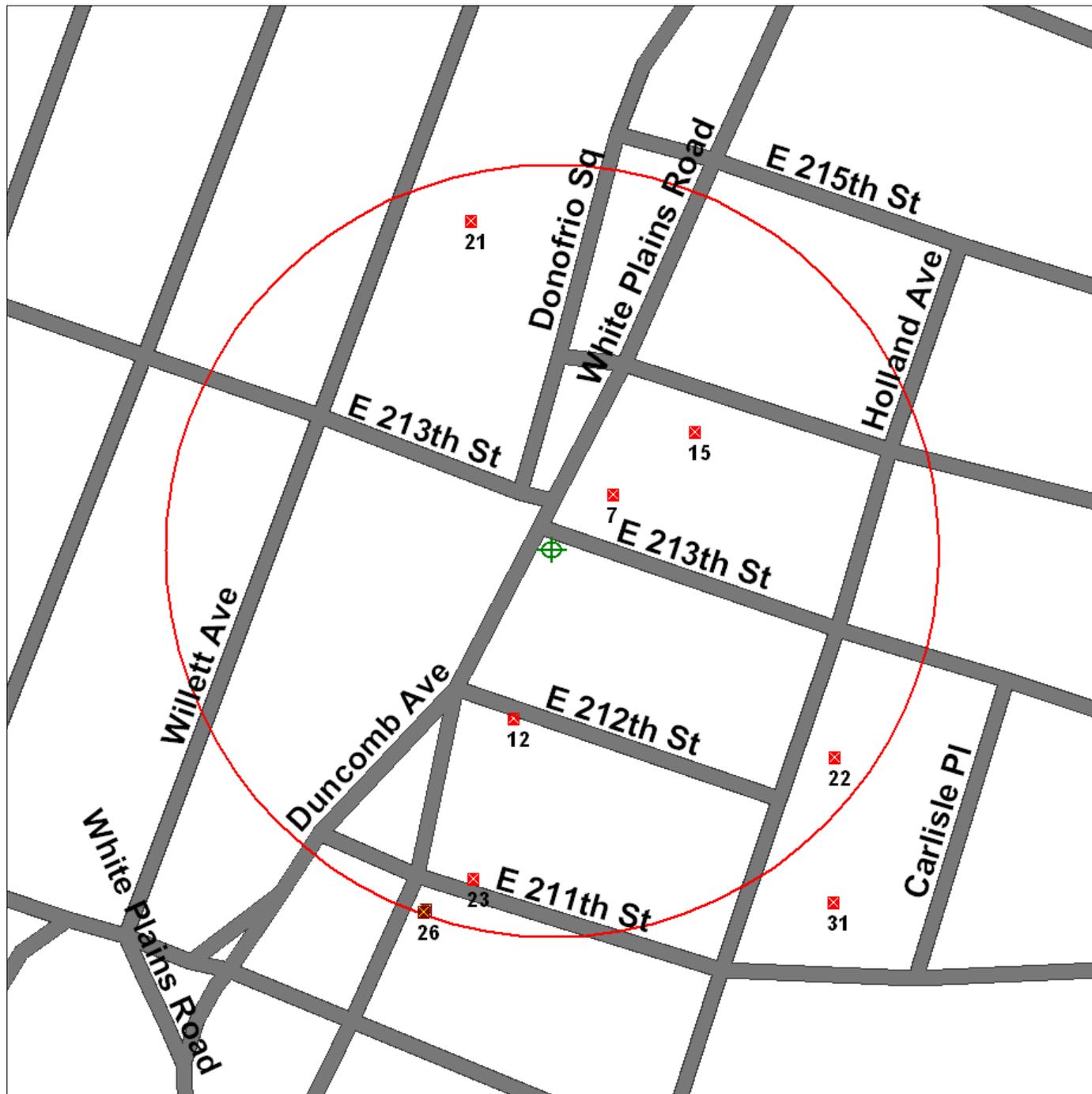


Environmental FirstSearch

.12 Mile Radius
AAI: SPILLS90, ERNS



3572 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.87911 Longitude: -73.865315)

Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





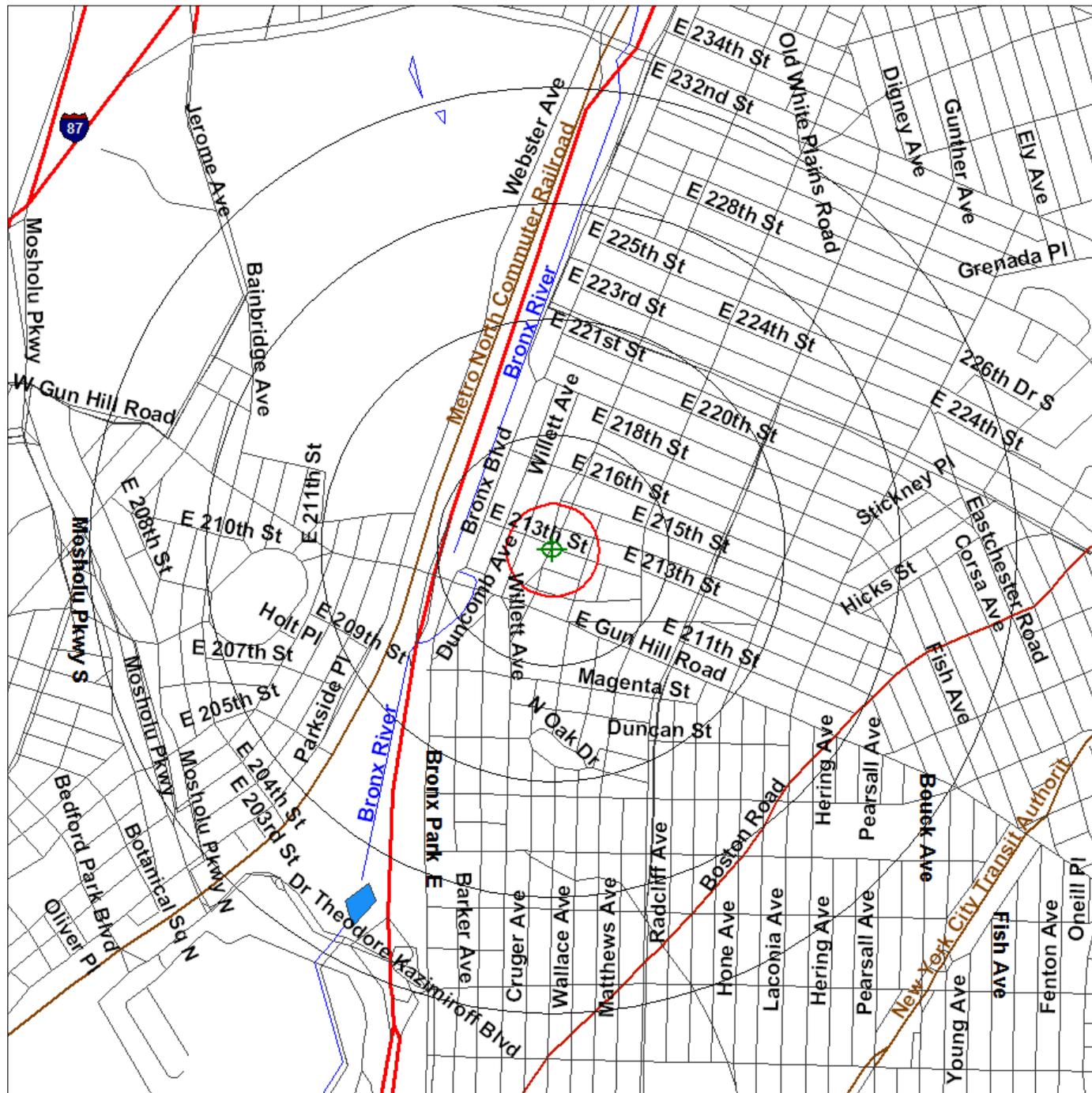
Environmental FirstSearch

1 Mile Radius

ASTM Map: NPL, RCACOR, STATE Sites

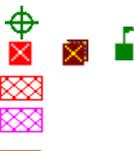


3572 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.87911 Longitude: -73.865315)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
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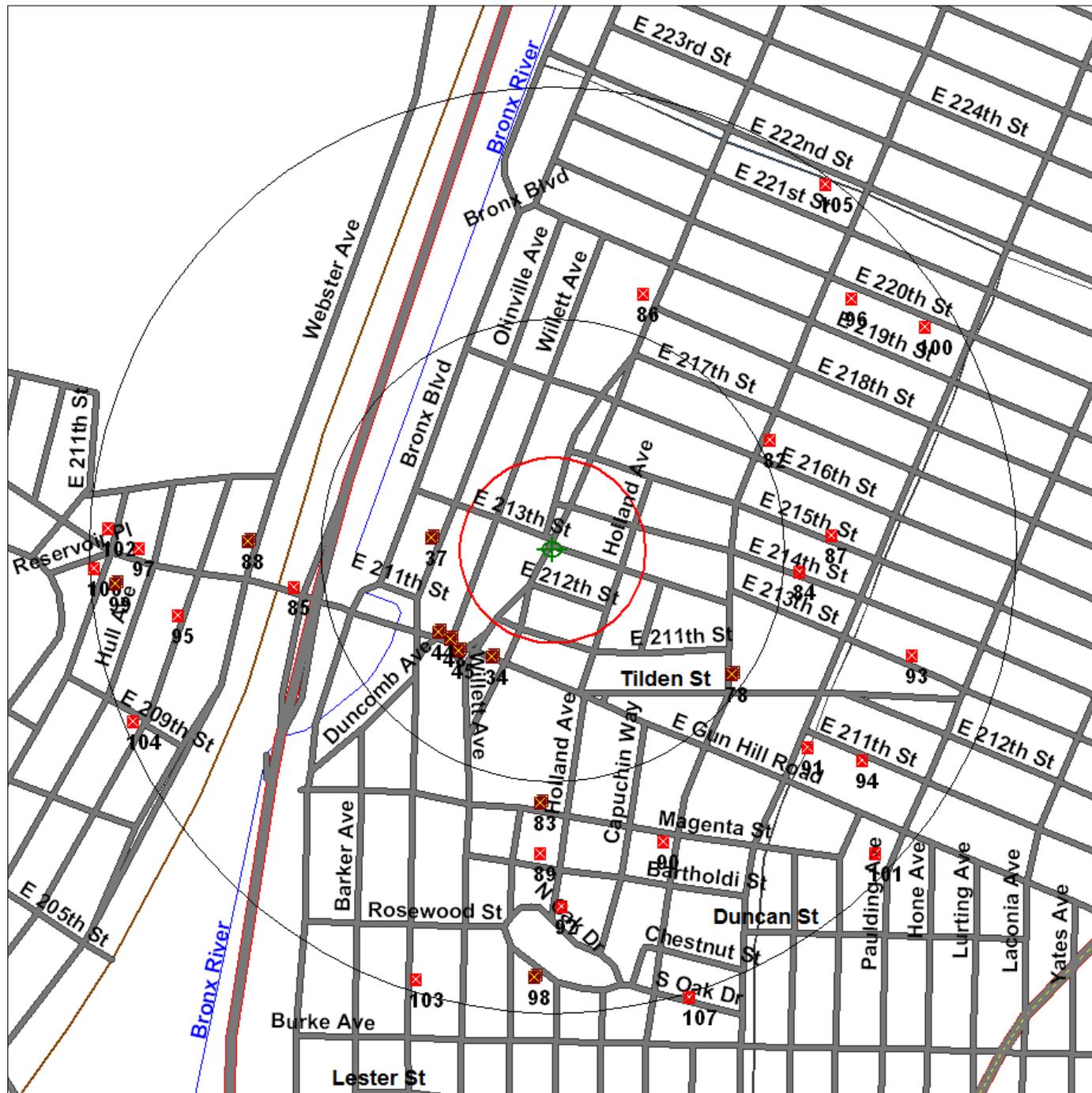


Environmental FirstSearch

.5 Mile Radius
ASTM Map: CERCLIS, RCRATSD, LUST, SWL

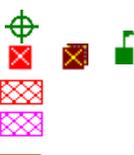


3572 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.87911 Longitude: -73.865315)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





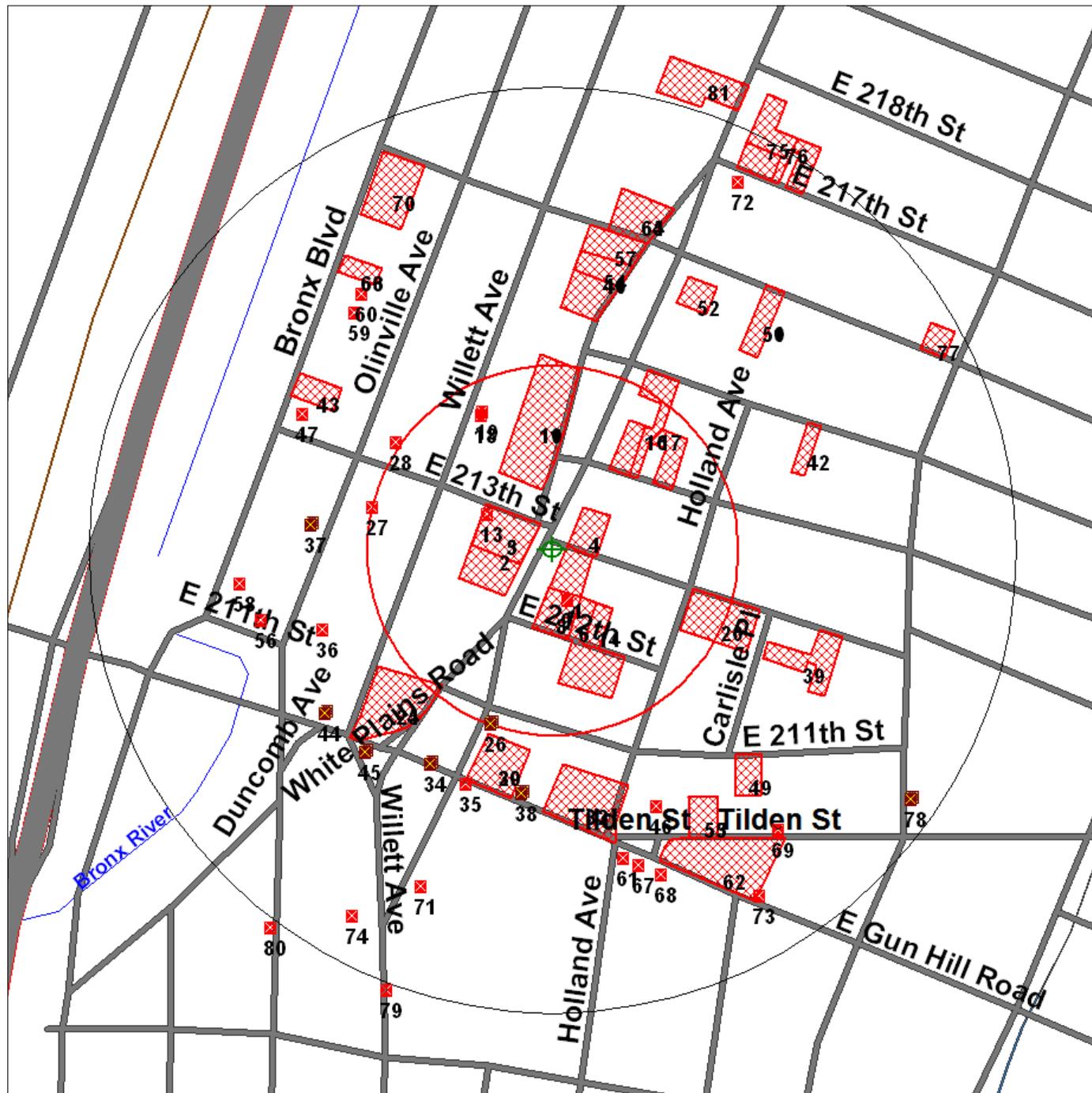
Environmental FirstSearch

.25 Mile Radius

ASTM Map: RC RAGEN, ERNS, UST, FED IC/EC, METH LABS



3572 WHITE PLAINS ROAD, BRONX NY 10467



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.87911 Longitude: -73.865315)

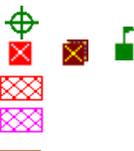
Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



HISTORICAL RESEARCH DOCUMENTATION (INCLUDING SANBORN FIRE INSURANCE MAPS,
COLES AND TELEPHONE ADDRESS DIRECTORY INFORMATION, ETC..)

CITY DIRECTORY REVIEW

Report Date: May 15, 2012
 Client Job Number: 12-540
 FirstSearch Index Number: 315077
 Site Address(es): 3510-3516 White Plains Road
 700 East 211th Street
 Bronx, NY 10467

A search was conducted for the subject area noted above to identify any Historical City Directory coverage/tenant information maintained at national repositories, local city/town libraries and/or various public sources.

T The following information is the result of the search:

YEAR / SOURCE	CLOSEST LOWER ADDRESS LISTINGS	SUBJECT ADDRESS(ES)	CLOSEST UPPER ADDRESS LISTINGS
2008/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)
2004/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)
1999-2000/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)
1996-1997/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)
1990-1991/Cole Directory	(See Attachments)	(See Attachments)	(See Attachments)

Notes:

No further coverage available

00 718.652.2469
94 718.515.1951
94 718.515.1951
00 NP
01 NP
82 718.655.6279
82 718.655.6279
02 718.652.7448
02 718.652.7448
67 NP
67 NP
01 NP
99 718.798.0542
99 718.652.2777
+ NP
92 NP
94 718.798.4322
+ 718.547.8638
94 NP
02 718.685.5909
02 718.881.1703
88 718.652.0202
ins Rd Realty Corp
82 718.654.4596
98 718.519.9288
+ 718.655.5353
Plumbing 99 718.324.5569
Medical P C 97 718.655.6400
s Inc 02 718.823.4115
count Corp + 718.324.4313
costal Church Inc
88 718.231.9206
me Inc 02 718.653.6829
ry Corp + 718.405.2200
+ 718.231.6151
+ 718.794.0850
89 718.652.2776
85 718.655.8061
+ 718.798.5318
02 718.653.7533
n Cuisine 86 718.881.0700
on + 718.653.4577
ful Inc. 03 718.547.3288
00 718.653.8233
02 718.798.7186
Corp 93 718.798.1050
+ 718.547.3451
ant 02 718.994.4022
n Prdc LA 02 718.881.2327
e 87 718.655.9844
+ 718.881.8166
02 NP
ting 87 718.652.4406
alon 88 718.882.9322
c of Ny 91 718.547.8401
NP
03 NP
nisex Salon Inc
02 718.655.7954
97 718.515.1986
02 718.696.1478
03 718.882.0377
01 718.652.0379
p 94 718.519.7169
02 NP
+ 718.515.3542
02 718.798.9120
01 NP
+ 718.652.1241
+ 718.653.8928
+ 718.547.4424
88 718.652.3257
89 718.654.4591
89 718.654.4591
94 718.994.4228
94 718.994.4228
00 718.798.4506
+ 718.324.2984
89 718.882.5021
Chrst 01 718.654.5624
90 718.881.4620
02 NP
+ 718.881.2007
NP
+ NP
98 718.882.2500
03 718.653.0130
99 NP

3327 ★ Holy MT Zion Healing Tbrncl 00 718.652.2129
3330 ★ Polonia Mercado Hair Design Co + 718.882.0517
3331 2F Sandra Cancel 00 718.515.7961
Andrews L Dirot 03 NP
Anthony Gazivoda 03 NP
Schneider Hyman 02 NP
Irma Morales 02 718.798.6135
★ Schneider Management Corp 02 718.515.7961
3335 ★ BRI Management 99 718.652.8499
★ Praxis Software 98 718.518.0764
3366 ★ All Wood Dr 96 718.654.0912
3380 ★ Angelo Parking Lot 00 718.231.2611
★ Genao Parking + 718.601.2918
★ Ray S Parking Corp + 718.231.2611
3383 ★ Judlau Contracting + 718.515.9020
3387 ★ Fabulous Design + 718.547.1212
★ Style View Barber Salon 99 718.652.3937
3391 A200 Angel Gonzalez 92 NP
★ The Wash Place 99 718.653.5900
3399 ★ Araujo Grocery 87 718.547.3200
-E GUN HILL RD INTS
3401 ★ Sound Shore Medical Ctr. + 718.547.6345
3407 Building
341 ★ EV Health Care Management Inc + 718.325.1647
★ Magenta Medical Pc + 718.325.2400
★ White Plains Medical Mngmnt 00 718.325.2400
3413 ★ Frederick Salanitro Atty 02 718.822.3349
★ Mark B Rubin 88 718.231.1515
3421 Melinda Borrero 02 NP
Joel M Diaz 02 718.944.4127
Jaime Gonzalez 01 718.653.0928
Jaime Gonzalez 01 718.653.4868
3425 Anthony A Stoddart 97 718.881.3664
Herna I Stoddart 97 718.881.3664
3437 ★ BJ Auto + 718.515.0048
★ R & M Prestige Auto Repair 99 718.798.6313
3440 ★ Victory Day Care Ctr Inc 93 718.655.5500
3444 Apartments
★ M Abrams + 718.653.4032
6G Alma A Alonso 90 718.515.5677
Gregori Alvarez + 718.324.3480
3G Raquel Barner 01 NP
10A Violet M Barnett 91 718.881.8793
3B Ella G Barry 83 718.519.7102
3B Vanessa L Barry 83 718.519.7102
Anna Castro 01 718.882.3341
7A Ann K Chalen 00 718.519.1618
7A Klever E Chalen 00 718.519.1618
7F Carmen Cherebin 73 718.881.9238
3J Marie Clayton 01 NP
★ C Coleman + 718.324.2668
7C Efrain Dehoyos 99 718.798.6264
3E Nadine F Drummer 96 718.515.4146
7D William Duprey 84 718.515.2536
7D William Duprey 84 718.654.0487
N8 Angela Espinal 99 718.654.4691
2H Elsa Feliciano 95 NP
9D Lucy Felix 94 718.798.5017
718 Frances Foster 96 718.652.8402
★ Samantha Galletti 02 NP
10C Candida Garcia 01 718.655.0657
6H Danna Gathers 92 NP
★ Clara Gonzalez 02 718.515.3633
9C Marc Harrison 92 NP
★ Theresa Horne 03 NP
13F Geneva Gatling Howard 76 718.654.3047
2F Barbara J Johnson 95 718.655.4254
2F Elsie Johnson 95 718.655.4254
Laray Jones 02 718.882.3113
11A Bien King 92 718.654.5885
5E Pualetta Langley 85 718.231.9105
★ Imani Layne 03 NP
14G Ruth Lippen 62 718.654.5992
4H Ana Maldonado 98 NP
13D Laura Mangual 85 718.654.1998
★ Jaqueline Martinez + 718.654.2059
12D Casandra K Mason 94 718.405.0972
12B Jesse L McNeal 94 718.405.9114
12B Shanita D McNeal 94 718.405.9114
14D E Meachen 75 718.798.2881
6E Marta Mercado 01 718.652.0154
14A Carol A Miccarelli 70 718.654.0938
14A Frank J Miccarelli Sr 70 718.654.0938
★ Emily Morris 01 718.882.7604
★ Aishatu Mustapha 99 718.655.3591
Antonio Naar 95 718.655.3205
1J Edgardo Ocasio 97 718.231.7326
8B Irma J Pacheco 95 718.654.1421
2E Joseph A Pacheco 95 718.654.1421
2E Sheena Patterson 03 NP
★ Edwin Perez 95 718.515.9039
5J I Perez 86 718.654.5413
8A Peta G Phipps 03 718.653.6672
1F Winsome A Phipps 03 718.653.6672
1E NP

3504 Building
B ★ Buy Fresh Fish Lic. + 718.601.9620
3506 ★ Gun Hill Fish Market 92 718.652.6278
★ Mijean Cleaners 90 718.547.0254
3510 ★ Believers Church of God 95 718.653.3170
★ Furniture Plus Warehouse 98 718.655.5511
★ God Bless Unisex 99 718.547.7027
3511 ★ African Hair Braiding 92 718.405.5253
3512 ★ Sand Jewelry 88 718.655.9244
3513 ★ E & J Discount 95 718.547.1480
3514 ★ Fta Grocery 02 718.325.3010
3515 ★ Joiner Nails 93 718.881.4963
3516 ★ Judlau Construction Inc + 718.325.3536
★ Plain Hills Inc 99 718.405.5488
3517 ★ Bennys Famous Pizza 95 718.231.8746
3519 ★ Velez Deli & Grocery + 718.892.3703
3521 ★ Cool Breeze American West Indy 02 718.944.1716
3525 ★ Patrick & Son Auto Repair Inc 96 718.547.6428
3531 Apartments
Nadeen Evans + 718.655.3006
2 Stafford W Gayle 93 NP
Williams L Keer + 718.231.4801
3532 ★ Eunice Chung 02 718.231.3008
3533
★ Gabriel Akunwafor 00 718.882.0841
★ Uche Akunwafor 00 718.882.0841
★ Miesha Crowder + 718.655.3719
Ferebee Desouza 02 718.547.3277
★ Sharon Y Hughes 01 NP
★ Carol Jones + 718.325.6676
★ La Sim One Hair Perfectionist 00 718.519.8919
1B ★ La Simones Unisex Salon 01 718.325.8685
3534 ★ Kennedy Fried Chicken 92 718.405.6203
3535 ★ Ahaya Armstead 01 NP
★ Kenida Berroa + 718.881.4132
★ Luis Matos 02 718.881.2162
★ Luis Matos 02 718.547.2184
★ Carmen Nieves + 718.519.1689
★ S Saval + 718.515.3784
★ Juan Tavarez 03 718.654.5514
★ Kathy Zalderrama 03 718.325.1023
3536 ★ Park Sung 94 718.882.6737
3538 ★ Golden Krust Caribbean Bakery Inc 98 718.515.5789
3539 ★ Laparkan Trading Limited 00 718.653.5899
3540 ★ Essence Fashion + 718.798.5090
3541 Apartments
★ Doreen S Cooper 02 718.994.2767
1 Craig Miller 01 NP
43 Vincent Mitchell 01 NP
3543
718 Paula Brown + 718.231.6088
★ Teds Computer Services + 718.538.5637
★ Three C Business Machines 85 718.655.5110
3544 ★ Nail Salon 99 718.231.6820
3546 ★ Sow Fashion 99 718.653.5667
3548 ★ Cap USA 211 Inc + 718.515.7628
★ Jackson Hewitt Tax Services 95 718.515.7628
3550 Building
★ Acon Brokerage Services 98 718.655.3743
★ Best Realty & Insurance Brkr 02 718.519.1227
★ Fine Fare Supermarket 95 718.231.1100
5 ★ Grace Homes Lic + 718.515.9255
★ Jefferson A Barnes 90 718.652.7800
★ Jesus The Anchor 00 718.519.1340
7 ★ Law Office of Victor N Okeke 02 718.653.2650
★ Ola Olu Agbaje Pc 01 718.324.0916
★ Patrick H Jones 99 718.654.4900
★ Rio Valley Realty Corp 98 718.882.6688
★ Wayans Tae Kwon Do 98 718.325.9060
★ White Plains First Choice Inc 00 718.325.6970
3555 ★ Arines Parking & Auto Sale 02 718.881.5470
3559 ★ Super Laundry Ctr Inc 93 718.944.0933
3560 Building
★ Harris Tax & Business Ser. + 718.882.0900
8 ★ Harris Tax & Business Service + 718.882.0888
★ Kaka Gift Shop 92 718.882.8872
★ Salmon Development Corp 85 718.325.9800
6-8 ★ Wakefield Mngmnt & Real Estt I 98 718.654.8631
68 ★ Wakefield Mngmnt & Real Estt Inc 99 718.654.8631
3562 ★ Dominos Pizza + 718.653.4618
3564 Jacky Hamilton + 718.325.4668
3565 NP
3570 ★ King Nail VIII 98 718.547.0456
★ Kiss Beauty Supply 96 718.515.3565
★ Murray Studio 01 718.547.4200
3572 ★ Murray Studio 02 718.881.8200
3574 ★ Fish Avenue Linens 01 718.881.6788
★ Paradise Discount 00 718.515.3838
3576 ★ Anything To Do With Games 00 NP
3578
★ Freddy Agu + NP
★ Cathor Brokerage 78 718.655.6565
★ Crew Room 97 718.231.4727
★ Crew Room 88 718.547.8031
108 ★ Cw Daniel Financial Services + 718.547.8031
★ Cleavan Daniel 98 718.652.6208
★ Infinity Security Co 02 718.231.0116
101 ★ Nortom Construction Corp 90 NP
103 Cortney Anthony Thornhill 90 NP
103 ★ Thornhill Cortney A 97 718.655.6690
718.881.5249

★ O Laing Trucking 00 718.547.8631
3632 ★ White Plains Road Crmctn Ctr 99 718.882.0841
3633 ★ Jo Rae Auto Driving School 92 718.325.0841
★ Revival Chapel International + 718.231.2129
3634 ★ D & S Take Out 93 718.231.5115
3636 ★ Beautiful Nail Salon 95 718.519.9288
3638 ★ K & S Variety Store 99 718.882.0841
3639 ★ Restoration Church of God 00 718.881.1703
3641 ★ De Lorbe Contractor + 718.405.2200
3642 ★ Felicia Akinfenwa + 718.882.0841
Hilda Auberto 01 718.944.1716
★ Franz Hutchinson 02 NP
3645 ★ Lighthouse Ministries Intl Inc 98 718.231.3008
Minerva Lucero 01 NP
Leen A Shaibi 01 NP
3646
★ Abdoulaye D Diallo 03 718.655.8061
★ Cheryl Muller Edward 02 NP
★ Edward C Muller Corp 89 718.519.9288
Gwendolyn Henderson + 718.655.8061
2 Bosede Ogunwomoju 92 718.655.8061
2 Oluseyi A Ogunwomoju 92 718.655.8061
3648 Benjamin Francis 03 NP
Princewell Oppont-Addae 03 NP
Gabriel Quaye + 718.655.8061
Latoya Winslow 02 NP
3649 ★ Catholic Korean Apostolate 01 718.655.8061
★ Rev H Simon Nam 95 718.655.8061
★ Rev Simon M Nam 95 718.655.8061
3650 ★ Ruggiero Brothers Inc 93 718.655.8061
3660 Cyriacus Agunanne 01 NP
★ Look Your Best Beauty Parlor 01 718.655.8061
★ Moon Light African Market 95 718.655.8061
3662
3H Marcia L Guessan 01 NP
★ Jet Set Unisex Design 99 718.655.8061
★ Woodys Barber Shop 02 718.655.8061
3664 Building
B ★ K & T West Indn & Amrcn Grcry + 718.655.8061
★ Oakland Condo Association Corp + 718.655.8061
FL2 ★ Shims Inc + 718.655.8061
★ Wayco Realty 95 718.655.8061
★ 1821 Lmg Place South Rity Lic + 718.655.8061
3666
Martin Alejo 02 NP
2-F Mamadou Diallo 87 NP
★ Narciso Bakeries Inc 02 NP
3667
Mohamed Bah + 718.655.8061
Paulina Etuk 02 NP
★ Jeur Baye Harbraiding + 718.655.8061
★ Medina Baya Fashion + 718.655.8061
3 Mbaye Ndiaye 95 NP
Mohammed Seck 00 NP
3 Chante D Smith 99 NP
3668 Glendon Chancey 00 NP
M Glen 00 NP
★ Knight Cleaning Service 99 NP
3670 ★ McIntosh Insurance 99 NP
K Scotty 00 NP
3675 ★ City Line Auto Parts 00 NP
3677
FL2 ★ Guidinglight Educational 00 NP
★ Moonlight Real Estate 00 NP
★ Nicobi Healthcare Services 00 NP
Alice Rosa 00 NP
79 Frank Troia 00 NP
3678
Abraham Brockington 00 NP
1 Kearlyn Francois 00 NP
2B Clifford D James 00 NP
2A Septimus Kelly 00 NP
★ Starlight Beauty Salon 00 NP
Marva Wright 00 NP
3680
2 Melissa L Aguirre 00 NP
★ High Noon Video 00 NP
★ Jamaica Air Express 00 NP
3681 ★ Polific Press Co 00 NP
3682
★ City Tropics 00 NP
B Larry Davido 00 NP
★ Nicobi Healthcare Servie 00 NP
3686 ★ Nolascos Beauty Salon 00 NP
3687 ★ Be Mack Warehouse Co 00 NP
-E 219TH ST INTS
3700 ★ Avelino Rosado 00 NP
3701 ★ El Rancho Motel 00 NP
3702 Glenbon McPherson 00 NP
★ Rex Barber Unisex Sal 00 NP
3704 Monique Wilder 00 NP
3706 Sam Jin Hyun 00 NP
3708 Doris L Trotman 00 NP
Doris L Trotman 00 NP
★ Victory Fashion 00 NP
3711 ★ Emmanuel Baptist Church 00 NP
★ Every Blessed Child Day 00 NP
3712 Authurine Baker 00 NP
3714 ★ Braidarama Salon 00 NP
★ Ebony Beauty Salon 00 NP
Abdul Wahab Ladidi 00 NP
Gerard Simpson 00 NP

3444 Wilberto Melendez 515-0941
 14A Frank J Miccarelli 71 654-0938
 7E Antonio Naar 98 655-3205
 Edgardo Ocasio 97 231-7326
 8A I Perez 86 654-5413
 11H Carmen A Roldan 547-8247
 Magdalena Rosa 653-5866
 6F G Sanchez 87 882-6420
 9F Helen F Simpson 64 882-8753
 Robert D Smith 62 654-3366
 3D Anna M Spears 83 881-2718
 10E Miguel Vasquez 69 655-7625
 11J William Walker 77 882-2756
 4G Davis Rasheen 547-3632
 3445 City Fth Comm Dev 653-6770
 3453 Joycelyn Robinson 95 653-1796
 City Faith Ch God 95 798-3052

3461 NP
 3463 Gun Hill Plbg Supl 881-0310
 3500 Silver Bell Vrtv 87 547-6350
 3502 Yoons Discounts 85 547-2959
 3504 White Plns Cof Shp 94 655-1857
 3506 Gun Hill Fish Mkt 91 652-6278
 Mijejan Cleaners 80 547-0254
 3508 Kims Fruit Market 93 881-7007
 3509 Block H&R Offices 92 653-0906
 3510 Believers Ch God 92 653-3170
 Frntr Plus Whrse 655-5511
 3511 African Hair Brdng 97 405-5253
 3512 Sand Jewelry 98 654-7315
 3513 E and J Discount 96 547-1480
 3514 F Ta Deli Grocery 881-5876
 3515 Joiner Nails 93 881-4963
 3516 Plain Hills Inc 98 405-5488
 3517 Elves Restaurant 97 515-5539
 3519 Villa Food Ctr Inc 96 653-0355
 3521 Lennys Yum Yum 98 547-3217
 3525 Patrick&Son Inc 87 881-0177

- E 211TH ST INTS
 3530 White Plns DI Groc 94 798-1597
 3531 Diane Hodge 98 547-0557
 Paton Labeach 405-1496
 C Scott-Bonnick 96 655-6719
 3532 Hill St Video Inc 87 881-8058

- E 213TH ST INTS
 3533 Mactar Cissoko 96 547-8750
 Augustine Folly 97 654-8656
 Ismaila Kome 653-2056
 Sylla Mamadou 882-8208
 Massamba Soumare 94 547-1269
 African Mdct Sprtl 98 882-1000
 Beverly Corp&Mgmt 93 882-1000
 3534 Chand Rstrnt Corp 92 405-6203
 3535 M Cueto 98 547-7189
 John Murphy 92 515-4786
 3536 Fine Art Shop 94 882-6737
 3538 Golden Dight Crbbn 97 515-5789
 3540 Building
 42 Cool & Casual 97 881-9351
 3541 Manuel Duraes 69 231-3197
 3543 Three C Bus Mchns 76 655-5110
 3544 Nail Salon 97 231-6820
 3546 Jackson Hwtt Tax 96 515-7628
 Libas 96 515-7628
 Sow Fashion 98 653-5667
 3548 U S Fashion 98 654-6795

- E 212TH ST INTS
 3550 Angeloro A DDS 231-1088
 Azie Stella Atty 98 654-4299
 Barnes A Atty 90 652-7800
 Bcwnet 655-9048
 Drop Zone Entrprss 515-6690
 Fine Fare Sprmrkt 92 231-1100
 Home Buyers Gilry 98 515-9255
 Jones Patrick H 98 654-4900
 Law Offcs Wsly G 94 654-5788
 Merrifield RI Est 519-1599
 Merrifield RI Est 652-5251
 Rio Vly Rlty Corp 882-6688
 The Firm Stella 97 654-4299
 United Temps Amer 96 798-9400
 3555 White Plns Rd Grge 96 655-6400
 3560 Kaka Gift Shop 86 882-8872
 3564 Golden Touch 96 652-5114
 Ivory Mrtg Corp 98 653-1500
 New Castle Realty 98 653-6070
 Transamerican 653-6070
 3570 King Nail Viii 97 547-0456
 Kiss Beauty Supply 94 515-3565
 3572 A Mrry Pssprt Svc 87 547-4200
 Murray Studio 547-4200
 3574 Foam Rbbr Spl Cntr 73 654-5271
 3576 African Fashions 87 655-0767
 3578 Approved Elec Corp 95 882-3145
 Cathor Brokerage 84 655-6565
 Crew Room 95 231-4727
 Daniel C W Tax Svc 93 547-8031
 Norton Coast Co 98 231-0116

3642 Godwin Ulocha 798-3456
 Disky Barbers 95 231-5241
 Lindsas Ttl New Lk 91 798-4153
 3646 Nustapha Khan 98 655-5291
 Alpha Loucar 98 798-0465
 Oluseyi Ogunwomoju 97 547-4569
 Gar Met Inc 84 655-5118
 Lyons E C Mnfcrrs 87 515-5361
 Muller E C Engrvrs 72 881-7270
 3648 Shelby Harvey 515-4821
 McKies Inc 405-9400
 3649 Korean A Catholic 97 405-1779
 Fr Rev Kim 652-6068
 Rev H S Nam 90 231-2414
 Rev Simon H Nam 91 405-0053
 3650 Ruggiero Bros 882-0200
 3660 Frankoby Afrcn Mkt 95 519-6663
 Look Your Bst Bty 98 652-9177
 3662 Woodys Barber Shop 95 515-3133
 3664 Wayne Courtney 97 231-2631
 Wayne Courtney 93 231-5775
 Maica Funding Corp 654-9144
 Wayco Realty 93 655-6700
 3666 Mamadou Barry 405-0058
 Narciso Bkrs Inc 655-5445
 3667 Ibrahim Niang 98 881-2641
 3668 Romero Clemente 93 655-2523
 3670 MC Intosh Cll Ins 87 515-3714
 3674 NP
 3677 Alice Rosa 80 882-2822
 A All Hope Brokerage 86 881-8282
 A College Cas Fndrs 89 881-8282
 Let It Shn Msnry 98 547-1557
 Moonlight Real Est 98 231-5569
 R S Auto Prsnl 92 547-3033
 3678 Clifford James 97 515-9355
 Septimus Kelly 85 881-5762
 Starlight Bty Sln 81 654-0401
 3680 Steven Cowans 97 547-6571
 Bellony Realty 97 325-0997
 High Noon Video 97 652-2636
 Jamaica Air Exprss 97 654-6034
 3681 Pro Copy 91 515-8615
 Prolific Press Co 91 652-6858
 3686 Ithmar Electric 98 654-4179
 Knowings Curtis 653-9782
 3687 Be-Mack Whrse Crp 93 515-9100
 Bens Dom&Frgn Car 95 515-9100

- E 216TH ST INTS
 3700 Land Inc 96 231-0565
 3701 El Rancho Motel 73 798-6600
 3702 Keban Luer 92 881-8135
 3704 NP
 3706 Hyun S Jin 85 519-8913
 3708 Doris Trotman 93 654-3179
 Milton Trotman 92 547-4258
 3710 Patmos Flwshp Inc 78 547-0288
 3711 Emmanuel Bapt Ch 72 654-5927
 Emmnl Bapt Ch Bus 93 653-2790
 Every Blssd Child 95 515-4568
 3712 Amelia Harrison 98 653-5608
 3714 John A Chandler 519-1598
 Ebony Beauty Salon 91 515-2813
 3716 Jorge Marrero 98 405-7224
 Aziza Rstrnt&Ctrg 98 882-5100
 3718 NP
 3719 Joseph Carter 95 405-5103
 Antonio Fuentes 405-5078
 3720 John Davido 882-8250
 Barrys Shoe Fashn 95 547-5554
 Everest Mgmt&Dev 98 881-5276
 3721 Lighthouse Bapt 90 652-6812
 3728 W P Rainbow 96 655-2220
 3734 Met Food 96 519-9600
 3735 Rose Auguste 97 405-6699
 Leslie Ballard 881-7675
 Randolph Binns 231-2561
 Bobby Blassingame 97 920-1389
 Larry Brown 97 654-4684
 Judy Curry 798-7244
 Sylvia Ested 97 515-6823
 E Folk 97 547-6409
 Mattie Fossett 98 547-8923
 Gilbert Garcia 882-7877
 Harold Hargrove 97 547-9457
 Edubijes Herrera 231-3983
 Margaret Keaney 798-7048
 Joseph Leavy 98 653-5603
 V Lewis 97 882-7425
 Sharon Monk 97 547-8308
 Esther Munoz 97 547-4955
 Jose Pagan 98 547-6835
 James Rexach 98 515-0338
 Marioj Rodriguez 882-1106
 Damaris Rosario 653-4278
 B Stringfield 97 515-5742
 Richard Travis 98 655-6231
 Deirdre White 97 547-0395
 Alexander Wright 97 652-6721

3764 Castl Hrmn Grc 91 653-0634
 3765 N Y State Senate 96 547-8854
 Cmmtt A Pstv NE 97 798-6817
 Sbrk Larry St Sen 96 547-8854
 3766 Ar Fried Chicken 84 882-5518
 Sunset Market 98 652-1046
 3768 The Lgndry Rstrnt 98 547-2031
 3770 Franks Pizzeria 79 654-9947
 219 Stret Fish Mkt 83 231-2291
 3771 Ctywd Health Serv 98 881-4515
 Jagland Prprts Inc 97 881-6500
 Nurses Aides Train 98 881-4516
 3773 Alex Grocery Store 98 652-7971
 3775 C&L Cashing No 2 93 654-4713
 Greens Wn&Lqr Str 655-9484
 3777 Building 98 547-1978
 African Hdrssng 92 654-7235
 A BB Disc Bty Sppls 97 652-4434
 Gold Coast Trading

- E 215TH ST INTS
 - E 219TH ST INTS
 3801 Green Land Deli 95 519-7537
 3803 Cinderella Hse Bty 80 547-0311
 3805 Harry Cauldwell 82 519-8751
 4 Joyce Ruff 93 519-9129
 Alo Frank J 94 547-3900
 Dave Ray Sln&Spa 98 654-5400
 Lees Stationery 84 882-1922
 NP

3811 NP
 3812 Purity Foods 93 231-8806
 3813 Mobile Alrms&Lcks 82 798-7886
 3814 P&C Hair Care Std 98 231-0988
 3816 M & D Thrift Shop 653-6981
 3817 Total Blend 97 515-7700
 3818 Cake Factory 98 653-9311
 3820 C Vickers 519-9682
 - E 220TH ST INTS
 3821 Chase Mnhttn Bk 97 935-9935
 3822 Star Tress Cffrs 78 798-6469
 Star Tress Frml 94 798-7916
 3824 Pinch A Penny Mkt 98 515-4416
 3825 Albert Mitchell 90 515-2622
 Cholo&Sons Bakery 78 655-9722
 3828 Marcia Fagan 95 231-8055
 Bamba Toure 96 798-0533
 Fun-O-Mtc Lndrmt 93 652-9511
 3830 Alicia Castle 405-0411
 E Williams 94 653-1044
 B&B Incm Tax Serv 94 881-4477
 3831 M Reisner 882-3999
 Personal Emp Serv 96 652-1222
 Phipps Realty Inc 79 654-0888
 3832 Antonia Ball 91 547-1515
 Michael Cuello 881-6777
 McDnld Frwrdr&Mvr 95 882-6333
 3833 K & S Jewelers 84 654-5858
 K & S Jewelers 98 654-5858
 3836 Erro! Master Barb 93 652-1818
 3838 Peggys House Bty 92 547-5757
 3839 Mario Palacios 98 519-9292
 Eze Udensi 653-2929
 Huggins Carrie Rev 95 515-2121
 Miracle Prvdr Ch 95 515-2121
 3840 Edward L Javois 86 655-6161
 Felicia Javois 519-7171
 Melitas Fashions 88 653-3333
 3842 Ian Hobson 97 652-3333
 J&M Beauty Palace 97 655-9999

- E 221ST ST INTS
 3848 AJ Palace 98 655-3333
 3855 Pinto Furn Rfng 74 655-9999
 - E 222ND ST INTS
 3857 Apartments
 1FL S Collman 86 231-4444
 Crystal Leak 97 547-7777
 3858 Bronx Hm Entrprss 74 547-7777
 3859 Stphnsn Ins Brkrge 79 655-9999
 3860 Synthetic Cleaners 654-9999
 3869 Fscgln Furn&Dcrtg 547-9999
 3870 Exclusive Designs 655-9999
 Sight&Fashn Optic 72 652-9999
 Waltham Elec Corp 98 231-9999

3900 Joses Grocery 89 655-9999
 3901 Rite Aid Exprss 652-9999
 Rite Aid Exprss 98 652-9999
 Rite Aid Phrmcs 97 652-9999
 3904 Emy Afrcn Hr Brdng 98 515-9999
 3906 Fortune Grdn Chin 95 655-9999
 Fortune Grdn Chin 95 655-9999
 3908 Ola Azeez 98 547-9999
 Azeez Ola CPA 98 882-9999
 Compassionate Inc 98 654-9999
 Foremost Rlty Corp 98 654-9999
 Homepride Realty 882-9999
 Ola Azeez PC Atty 98 882-9999
 3910 City-Wd Nrss Inc 96 231-9999

700 LESTER
 3080 Mt Crml Pente Ch 231-9206
 3084 Carley Income Tax 89 515-5800
 * Carley Thos F 653-2450
 * Debole Tax&Ins 74 654-8808
 * Smith Carley Incm 653-2450
 3086 Chenas Bakery 92 405-2200
 3090 Blue Sl Seafd Mkt 78 652-2776
 3092 Burger Barn 88 655-8061
 * Burger Barn II 73 655-8778
 * Burger Barn II 86 655-9136

700 BURKE AVE
 3200 Hefts Cndy Ktchns 654-5291
 3202 White Plns Rd Lng 94 547-9555
 3204 Express Taxi Svce 88 519-1800
 3208 Cohen Gerald Ins 72 547-7300
 * Fnstn Artale&Chn 72 547-7300
 3210 Jayso Electrnics Crp 798-1050
 3211 Auto Bus Inc 95 652-0116
 3214 Bronx Model Trns 78 655-2667
 3218 Micks Nu Tch Dry 94 655-0540
 3231 A&G Auto Rnt Inc 95 655-3732
 * Lukes Motor Svce 655-9844
 * Not Nu At Rnt Inc 83 655-3732
 3232 Tulip Two Bty Sln 882-9322
 3234 A&C Elec Co Inc 882-1803
 3235 Gilbert Acevedo 92 881-7727
 3236 Sam Quinones 231-7633
 * Thomass Barber Shp 94 519-7169
 3237 Giuseppe Ferraro 74 798-0547
 Paul Mascott 95 798-9290

3238
 Eva Pittlo 86 519-9702
 Eva Pittlo 882-1302
 2 Marianna Porcaro 91 654-4591
 * Master Glass Co 82 652-3257

3239 Apartments
 3 Carlton Dennis 231-7527
 3 Robert Ramsaran 89 882-5021
 Andrew Stone 882-7558
 3240 William A Edgley 84 519-7085
 William A Edgley 519-7158
 Joseph Porcaro 78 654-2133
 3241 Samuel Mathew 90 881-4620
 Lovely Mathews 92 653-2133
 3242 Priya Persaud 652-6961
 Damari Portoguez 515-5911
 3244 Extrmnr Pst Cntrl 88 882-5555
 * Extrmnr Pst Cntrl 88 231-9370
 * Extrmnr Trmt Cntrl 88 655-0608
 3246 Mary Morgan 93 798-9043
 * Landi Assocs 881-4453
 3247 Chmpn At Repr Inc 87 515-6022
 3251 Up Front Axles 90 655-0800
 3254 Romano Fnr Hm Inc 547-7799
 * Romano Nicholas 71 547-7799
 3255 Karis Unisex Salon 405-2242
 3257 K J Plumbing&Htg 95 652-4406
 3259 D & S Enterprises 95 652-8941
 3261 Sunshine Sprmkt 92 654-9648

700 ROSEWOOD
 3300 Miceli Studios 652-5406
 3304 Four Trvn&Restrnt 92 655-9771
 3306 Christ C N E Bronx 95 655-6200
 * Christ C E Brnx 95 655-2473
 3308 Christine Cameron 95 654-2783
 C Igbineiweka 547-6302
 * Kargo Management 93 653-0256
 * Mbp Building Mntnc 94 881-6227
 3309 Western Automotive 95 519-6502
 3312 Aston Ellis 515-3749
 3314 McKenzie Decor Ctr 95 515-4295
 * Stylish Decorators 74 881-7691

3320
 3 Lee Enriquez 91 654-8442
 Diana Mannarino 95 652-5669
 2F Armando Molerio 80 655-7881
 * Touch Class 80 519-6093
 3322 Hoo Norman 89 519-8799
 * Quality Auto Elec 89 519-8799
 3323 NE Bronx Rdlvpmnt 94 652-4357
 3324 Binh Nguyen 94 547-3134
 * Heatmaster Ltd 82 881-8800
 * Jar Mntnc Corp 89 515-7539
 3327 Luis A Alemany 92 798-6637
 Joey Melendez 798-2659
 * Ralphs Grndng Svc 231-0818
 3330 White Plains Deli 94 515-6900
 3331 Yisema Garcia 798-2931
 * Gzvd Rlty Co Inc 519-1300
 3335 Forums Club 882-9307
 3344 NP

700 BARTHOLDI
 3356 Animal Art Studio 82 655-1569
 * Olinville Arms 93 655-1569
 * Olinville Arms Inc 231-3000
 * Olinvl Rifle&Pstl 71 655-1569
 * Olinville Travel 77 655-1675
 3364 Donna Fashions 81 653-4600
 3366 All Dr Furn Rpr 654-0912
 * Allwood Doctor 515-7042
 * Class 1 Upholstery 798-7399
 3387 Little Michaels 231-6558
 * Salsa Vending 86 655-1046
 3395 The Whol Outlet 881-6029
 3399 Irene Grocery Str 231-6893

700 MAGENTA
 3403 Junie Hair Salon 93 547-0515
 3407 1st Ch The United 95 515-2916
 3421 E Williams 93 881-5745
 L Williams 82 655-0948
 * Zefi Frank 95 653-0145
 3425 NP
 3427 Cammi Gspl Truth 81 654-4011
 * Emmanuel SDA Ch 882-3900
 3437 Greene Trans 231-4755

3438
 Lillian Rivera 547-4112
 * Gun Hill Plbg Supl 881-0310

WILLIAMSBIDGE SQ
 700 E GUN HILL RD
 3500 Silver Bill Variety 87 547-6350
 3502 Yoons Discounts 85 547-2959
 3504 White Plns Cof Shp 94 655-1857
 3506 Gun Hill Fish Mkt 91 652-6278
 * Mijejan Cleaners 80 547-0254
 3507 Robinson Bty Sln 652-9622
 * Robinson Bty Sln 547-7660
 3508 Kim's Fruit Market 93 881-7007
 3509 Block H&R Offices 92 653-0906
 * US Fashions 519-8062
 3510 Berthley Hyatt 95 882-7920
 * Friends Ylvtrn Inc 93 519-9657
 3511 Tramtel 95 653-1400
 3513 E and J Discount 547-1480
 3514 A & D Grocery 798-4822
 3515 Joiner Nails 93 881-4963
 3516 Bacchus Fair Inc 91 231-3668
 3519 La Bamba Grocery 653-0355
 3521 Jamaica Avnex 89 652-3800
 3525 White Plns At Svc 87 881-0177

700 E 211TH
 3530 White Plns DI Groc 94 798-1597
 3531 Apartments
 C Scott Bonnick 655-6719
 Stafford Gayle 93 798-4641
 Diane Hodge 547-0557
 Georgiana Samuels 882-3551
 3532 Hill St Video Inc 87 881-8058
 3533 Mactar Cissoko 547-8750
 Massamba Soumare 94 547-1269
 * Beverly Hills Rlty 93 882-1000
 3534 Chand Rstrnt Corp 92 405-6203
 3535 Apartments
 Juan Alvarez 93 547-5412
 Mildred Cueto 547-7189
 1A John Murphy 92 515-4786
 3536 Fine Art Shop 94 882-6737
 3539 Julian Grocery 92 655-0816
 3540 Building
 42 * Cool & Casual 87 881-9351
 3541 Manuel Duraes 69 231-3197
 3543 Three C Bus McHns 76 655-5110
 3544 Jackson Hwtt Tax 95 515-7628
 * Jackson Hwtt Tax 405-6102
 3546 Libas 515-7628
 3550 Mohamed Jalloh 547-7863
 * Andy's Auto Svce 84 798-9788
 * Angeloro A DDS 231-1088
 * Barnes A Atty 90 652-7800
 * Fine Fare Sprmkt 92 231-1100
 * Khaditah Hr Brdng 882-0627
 * Law Offcs Wsly G 94 654-5788
 * Nghbrhd Hsng Svcs 90 881-6801
 * Royal Prestige Inc 519-6426
 * Temps Successlnc 798-9400
 * White Plains Fncl 86 655-2944
 3555 White Plns Rd Grge 655-6400

700 E 212TH
 3560 Top Sneaker 89 547-8528
 3564 Golden Touch 652-5114
 3565 Alton Tire Shop 92 653-2197
 * Juangeles Sign 405-5777
 * P A Auto Music 95 798-1247
 * Pi Auto Music 652-5876
 3568 Disky Barbers 95 654-7903
 3570 Forever Nails 515-0730
 * Silver Beauty Supl 94 515-3565
 3572 A Mrry Pssprt Svc 87 547-4200
 * Murray Studio 547-4200
 3574 Foam Rbbr Spl Cntr 73 654-5271
 3576 African Fashions 87 655-0767
 3578 Approved Elec Corp 95 882-3145
 * Cathor Brokerage 84 655-6565
 * Crew Room 95 231-4727
 * Daniel Cleavan W 93 547-8031
 * Jeans Hair Design 95 654-0519
 * Richard Electrl 94 547-1660
 * SMS Cruiseworld 95 515-2687
 * Thornhill Crtny 93 655-6690
 3580 RNA Pizzeria 71 798-4111
 3582 Ben Csc&Sons Inc 82 652-7005

3622 Young Sportswear 405-1336
 3629 G Dash 405-0228
 Beryl Morgan 94 515-0881
 3634 D & S Take Out 93 231-9256
 3636 Beautiful Nail Sln 95 519-0117
 3640 Frankoby Afrcn Mkt 95 519-6663
 3641 Ace Ironworks 95 655-6118
 3642 J Ramnathsingh 882-4050
 * Dis Barbers 95 231-5241
 * Lindas Ttl New Lk 91 798-4153

3646
 Eileen Minors 92 655-1419
 3 M Swift 92 547-4496
 2 * Gar Met Inc 84 655-5118
 * Lyons E C Mnfctrs 87 515-5361
 * Muller E C Engrvr 72 881-7270
 3648 Ousman Ceasay 93 515-2959
 Valerie McKinson 652-2769
 Ceasay Ousman 515-6451
 * E & M Grocery 95 231-3776
 3649 H Simon Nam 90 231-2414
 Simon H Nam 91 405-0053
 * Cthlc Krn Apstlt 405-1779
 3650 Rgr Bros At Spls 882-0200

700 E 215TH
 3660 A & F Superette 86 882-6779
 3662 Rogelio Martinez 95 652-2412
 * Olgas Beauty Aids 881-6204
 * Woodys Barber Shop 95 515-3133
 3664 Wayne Courtney 93 231-5775
 * Wayco Realty 93 655-6700
 3666 Jose Hernandez 93 519-6970
 * Narciso Bkrs Inc 655-5445
 3667 Mbaye Ndiaye 798-0817
 Tidiane Ndiaye 547-7749
 * Le Blanc Realty 87 231-5910
 * Olnvll Ktchn&Appl 655-9494
 * Olnvll Applnc Inc 94 547-6204
 * Olnvll Ktchn&Cpt 95 655-9494
 3668 Romero Clemente 93 655-2523
 Joan Daring 92 882-8803
 3670 D&I Ins Brokerage 652-3099
 * Ithmar Electric 94 654-4179
 * Jamaica Air Crrs 89 654-6034
 * MC Intosh Collie 87 515-3714
 3674 NP
 3677 Diane Nontalvo 231-3097
 Alice Rosa 80 882-2822
 * All Hope Brokerage 86 881-8282
 * College Cas Fndrs 89 881-8282
 * Jamaica Hlthcr Fid 231-8970
 * R S Auto Prsnl 92 547-3033
 3678 Septimus Kelly 85 881-5762
 * Starlight Bty Sln 81 654-0401
 3681 Pro Copy 91 515-8615
 * Prolific Press Co 91 652-6858
 3682 Century 21 Himark 93 547-7900
 * Rndzvs Mlt Svc Inc 654-3100
 * Rndzvs Travel&Trs 654-3100
 3686 Kaka Gift Shop 86 882-8872
 * M Jones Accting 92 882-0590
 3687 Be Mack Wrhse Corp 93 515-9100
 * Bens Dom&Frng Car 95 515-9100

700 E 216TH
 3700 Land Inc 231-0565
 3701 El Rancho Motel 73 798-6600
 3702 Keban Luer 92 881-8135
 * Julies Hair Stylg 80 231-2626
 * Julies Hair Stylg 80 655-9712
 3704 Samuel Richards 95 881-8451
 3706 Sam Hyun Jin 85 519-8913
 3708 Doris Trotman 93 654-3179
 Milton Trotman 92 547-4258
 3710 Patmos Filwshp Inc 78 547-0288
 3711 Emmanuel Bapt Ch 72 654-5927
 * Emmnl Bapt Ch Bus 93 653-2790
 * Every Blssd Child 95 515-4568
 3712 Yvonne Spalding 405-1587
 3714 Ebony Beauty Salon 91 515-2813
 3716 Jorge Marrero 405-2075
 3718 NP
 3719 Joseph Carter 95 405-5103
 Christina Grant 405-2489
 3721 Family Life Serv 92 547-4567
 * Lighthouse Bapt 90 652-6812
 3722 Barrys Shoe Fashn 95 547-5554

E 217TH
 3728 Dollar Rite Disc 655-2220
 3734 Met Food 519-9600
 3737 NP
 3738 M & T Meat Mkt 655-4349
 * Tx Fruit&Vgtb Co 92 881-8007
 3739 Lance Uniform Rnt 72 547-8165
 3740 Sumpter Alumia 405-6480
 3743 Sparrow Const 94 519-6600
 * Sparrow Const Corp 85 798-9041
 * Sparrow Lease Corp 80 798-9041
 3744 White Plains Disc 95 515-8211

700 E 218TH
 3750 Faithful Cleaners 90 547-9336
 3751 Crwfrd Meml Ch 72 655-0211
 3752 Golden Shell 405-5737
 3754 Choecs Frts&Vegtbl 92 655-6737
 * Costantino DDS 547-7570
 * Halbertstadt G S 82 547-7211
 * Shapiro Paul Dmd 95 547-7570
 3756 Malcolm Louis 91 231-2698
 * Nu Lk REC Den Crp 89 515-4701
 3757 Crwfrd Comm Day 72 881-8444
 3758 Kings Vly Beef Inc 84 798-1562
 3759 Apartments
 PH Ovid Jermin 89 654-1626
 3760 Marlene Brdl Dsgns 95 798-4032

3800 E 219TH
 3801 Green Land Sln
 3803 Cinderella Hair Sty
 3805
 Harry Caldwell
 Joyce Ruff
 * Alo Frank J
 * Crits Jon Pro Sln
 3807 Lees Stationery
 3810 Everything Natural
 3812 Purity Foods
 3813 Mobile AlmondLk
 3814 Hit & Jump Inc
 3817 Dees Original Jk
 3818 Big City Brs Inc
 3822 Star Tress Cntr
 * Star Tress Cntr
 3824 E&M Beauty Palace
 700 E 220TH
 3825 Albert Mitchell
 * Cholo&Sons Baler
 3826 Interflo
 3828
 3 Marcia Fagan
 Lester Hyman
 Bamba Toure
 * Brooke Pkg&Htg
 * Fun O Mtc Lndstr

3830
 FL A Capelas
 Jeannie Capelas
 E Williams
 * B&B Incm Tax Ser
 3831 Wilford Buckley
 * Personal Emp Ser
 * Phipps Realty Inc
 3832 Apartments
 3 Antonia Ball
 Mercedes Perez
 3833 K & S Jewelers
 3836 Errol Master Bar
 3838 Peggy House Br
 3839 Caslon Press
 * Huggins Carrie R
 * Miracle Prvdr Ch
 3840 Edward L Javos
 Janine Watson
 * Melita Fashions
 3842 Donovan Bennett
 Jasmirdel Morris
 * Bronx Beauty C
 3844 Renee Johnson
 * Pats Pet Shop

700 E 221ST
 3855 Pinto V Furn R
 3857 Apartments
 1 S Collman
 Keith Jackson
 Rosina Johana
 3 Donica Nelson
 4 Christina Pullian
 3858 Bronx Hm Entr
 3859 One Electrcal C
 * Stphnsn Lsl In
 3860 Synthetic Clea
 3868 Compassionate
 * Elvick Elec Co
 * Holness Ptrck
 3869 Fscgln Furn&D
 3870 Compassionate
 * Ephraim Furn
 * Waltham Elec

700 E 222ND
 3900 Jose's Grocer
 3902 Sight&Fashn
 3904 V&S Fashions
 3906 Fortune Grdn
 * Fortune Grdn
 3908 Samantha W
 Vincent Williams
 * CJ & Sons I
 * FDS Realty I
 3910 City Wd Nrs
 * Good Cr Fam
 * Mac Pharm
 * Nurses Rftrl
 3912 Azeez Ola C
 3914 Ola Azeez
 * Jordan Lu
 * S Prprts&Co
 3918 Joe Williams
 3922 Tastie Pattie
 700 E 223RD
 3931 G&E Shippin
 3933 G&E Shippin
 3935
 3937 Adis Pork S
 * Cetinski Ad
 3938 Center Imm
 * Smart Enter
 3939 Nije Babouca
 Alieu Bawo
 Sanneh Morris
 Babucarr Nij
 Omar Nyass
 Amath Thian
 * Puebla Flwr
 3940 C H Mrtin V
 3941 Haitian Trn
 3942 Hopach Res
 3943 Sharon Willi
 * Gold Mine
 * Supreme H
 3944 Life Doms

05 NP
89 NP
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04 718.652.2733
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06 718.654.3538
83 718.547.6997
89 718.515.5140
80 718.654.6691
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04 NP
92 718.882.1906
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+ 718.881.8018
07 718.547.1075
06 718.653.1358
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02 718.653.5381
1 BUSINESS

★Auto Rhino MD
★Central Positive Living
★Children Hosp Montefiore
★Children Hospital At Montefiore
★Chinazo O Cunningham
★David Hamerman
★Dept Anes.
★Dept Pathology
★Dr Renal Division
★Dr Herranos Office
★Edward L Schwartz
★Ellie E Schoenbaum MD
★Faye Kokotos MD
★Frank J Veith
Dr Gershon Hail
★Health Information Management
★Henkind Eye Institute
★Jay Gross
★Joan I Casey MD
★Joan R Demartino Nardi MD
★Kahan Norman Z
★Lead Safe House
★Leonard H Augenlicht
★Marvin P Fried MD
★MMC Psychiatry Opl
★Montefior Child Psychiatry Dept
★Montefiore Health System Inc
★Montefiore Hospital
★Montefiore Hospital & Medical Center
★Montefiore Mc
★Montefiore Mc Dept Radonc
★Montefiore Mc Division Pulm
★Montefiore Mc PSY Klau Z
★Montefiore Medical Cardiology
★Montessori
★Narcolepsy Institute Montefiore
★Patient Support Services
★Patricia Vuguin
★Patrick A La Sala MD
★Paul Saenger MD
★Prim Care Peds.
★Psychiatry
★Richard Scotty MD
Dr Richard J Scotti II
★Solomon M Seymour D Pc
★Stern Stroke Center
★Teamsters Center Service
★Thomas K Aldrich
★Tishman Learning Center Health
★University Behavioral Assocs
★Vascular Diagnostic Lab
★Vision Of Adolescent Medicine
★Avital Fast Physician
★Montefiore Medical Center
★BAINBRIDGE AVE INTS
170 ★Children & Family Services Off
176 Odette J Campbell
Averill V Nelson
Ano Reece
Violet Williams
180
182 Dr Joseph G Feghali
Nora Feghali
★Joseph G Feghali MD Pc
52 RESIDENCE

● E 211TH ST
CT 376.00 236-625
CT 431.00 E 264-316
CT 378.00 O 635-635
CT 380.00 703-791
CT 368.00 905-1148
CT 366.00 1101-1145
236-791
★TRYON AVE INTS
236 Mattie Ingram
★KINGS COLLEGE PL INTS
264 Apartments
Carmen Avendano
Tara A Finelli
1A Gloria Hernandez
3D Jason Martinez
55 718.652.9059
03 718.547.8200
04 718.405.0535
05 NP
03 718.547.8200
+ NP
+ NP
98 NP
04 718.547.8200
98 718.652.0582
94 718.547.7999
97 NP
97 NP
+ 718.655.1420
99 718.652.5907
+ NP
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+ 718.547.5450
05 NP
97 718.515.7489
98 NP
06 718.881.4686
06 NP
06 NP
96 NP
+ 718.423.6320
96 718.654.1429
81 718.881.6455
85 718.231.4102
82 718.519.6992
82 718.519.6992
+ NP
96 NP
92 718.547.2845

2008 BRONX

★BRONX BLVD INTS
625★ Zafer Yeslova 03 NP
635★ Apartments
5GA Jacob Adeniran 99 NP
Andrea Anduga 99 718.231.0919
3A Jose B Brea 96 718.798.0817
1G Jose Alberto Burgos 99 NP
Victor Burgos 99 NP
6B Adalgiza A Cruz 05 718.652.0577
3E Wilkins Deleon 04 718.881.2391
+ 718.994.4875
4C Maria Diaz 03 NP
Yudelka Felix 00 718.653.7710
Yahaira Ferreira 01 NP
Wendy Flores 01 NP
Llesh Frangaj 03 NP
Jose Garcia 06 718.882.2491
Souleymane Gaye 01 NP
Lieni S Genao 99 NP
1B Carlos Gil 99 NP
5B Rafael A Gomez 99 NP
Rosanna Gomez 99 NP
2C Albania M Hernandez 92 718.994.5344
1C Katrina Kim 99 NP
Sun Y Kim 99 NP
5GA Cecilia A Kuyoro 99 NP
4F Tracey Little 04 718.994.4510
Benjamin Lopez 96 NP
Raymond Martinez Sr 95 718.654.4982
6D Mercedes Mathews 94 NP
4B Ralph J Mendoza 92 NP
Esperanza Mercado 05 NP
3A Jayce J Ortega 00 NP
5A Luis A Ortiz 00 718.231.2281
3GA Merlyn Owens 00 718.231.2281
6E Evelin Palma 99 NP
Maria Paulino 94 718.881.1792
Maria H Paulino 94 718.881.0868
3H Rafael O Perez 05 NP
1H Juan Carlos Quispe 06 NP
Smyrna P Ramos 06 NP
3C V Ramos 06 NP
3C Altigracia Rodriguez 03 718.654.6337
Juan Rojas 04 718.881.1259
Raquel Rojas 04 718.881.1259
1C Maria G Sanjurjo 92 718.994.5344
4G Aung K Soe 01 NP
Gaye Souleymane 02 718.944.0744
Jose Tejada 99 718.515.3587
Miguelina Tejada 99 718.515.3587
2E Martha I Torres 96 NP
Eddy Villanueva 04 NP
6H Arhen Volaj 04 NP
2B Tyrone R William 92 NP

★WHITE PLAINS RD INTS
703 Apartments
Keba Cisse 00 718.515.0482
Barry Halimatou 03 718.324.3522
Abdo Nagi 05 718.652.0357
Kabe Toure 02 718.405.9169
710 Jason Arrington 05 NP
Kim Harris 03 NP
Troy Jones 06 NP
Reynolds Merton 02 NP
Lisette G Samuel 01 NP
712 Apartments
Alice C Clemente 06 NP
BSMT Sonya Jordan 99 NP
721 723.725.727.729

★HOLLAND AVE INTS
735 John Oswald Mas Jr. 94 NP
736 Apartments
Eugene Alston 06 718.324.0492
2 Gilbert B Garrett 96 718.231.9537
Jervan Roberts 86 718.881.5177
1 Corey Waiters 06 NP
I Baker 02 NP
Tracey Bennis 03 NP
Nykeshia Brown 04 NP
Tanika Cummings 99 718.547.3987
Nykeshia Rice 06 718.653.2838
Angel Rios 05 NP
Barrington Simpson 02 NP
740 Kuanita C Anderson 98 718.231.3950
Juanita C Smothers 83 NP
744 Sylvia Bethel 98 NP
Martha Brown 99 718.231.0258
Manuel Gray 06 NP
Jamara Hairston 93 NP
Maya Harris 05 NP
★Hidden Treasure Of African Ar
Pemberton Stclair 04 NP
McGee Tamiya 04 NP
Jaquanna White 04 718.324.5090
Simone White 04 718.324.5090
746 Apartments
V Okeke Azuka 04 NP
Barry Boubacar 03 NP
Evelyn C Okeke 96 718.882.5583
Vincent A Okeke 96 718.547.7535
FL2 Ramona Plair 06 NP
748 Apartments
AMA Kimon 03 NP
Zakeenah B Kimon 03 NP
FL2 Noreen A Somerville 64 718.231.0083
FL2 William R Somerville 64 718.231.0083

★CARLISLE PL INTS
750 Barbara Jervis 92 NP
Othe Jervis 92 NP
752 Cordice Benjamin 98 NP
Benjamin V Cordice 93 718.655.5261
Stephen E Hymon 03 NP
754 Annamma M George 92 NP
755 Iheanacho C Mbalewe 00 718.405.6384
Mary C Mbalewe 00 718.881.0983
758 Apartments
1 Camille M Fling 99 NP
1 Deborah L Fling 99 NP
2 Madelyn E Ricks 82 718.519.7232
759 Roosevelt D Bowman II 79 718.231.3768
Viola S Bowman 79 718.231.3768
760 NP
761 Apartments
Henderson Carlett 02 NP
E Phyllis Wilson 03 718.881.1193
762 Edwardo Scott 97 718.652.1516
Miguel B Scott 97 718.652.1516
7640 Harlan D Ramsay 98 718.653.3183
M Ramsay 98 718.653.3183
766 Apartments
Rose Cotto 05 NP
Gary D Frederick 01 NP
Annie R Jarvis 98 NP
2 Grisel Montes 07 NP
Elvin Rivera 07 718.881.5350

PAGE 109

779 Apartments
FL2 Celeste M Cordero 04 NP
FL1 Alfredo Delcastillo 05 NP
FL1 Lisette Delcastillo 05 NP
7830 George L Brown 05 718.653.6730
Louise C Brown 05 718.798.2213
Dorothy D Drake 99 NP
Sidney M Drake 99 NP
Odeth Lewis 02 NP
Glee Lindsay 05 NP
Marlene Samuel 05 718.798.0598
785 Apartments
Evelyn Jones 03 NP
Carlton Lewin 03 718.654.0701
Nwahiri Matthias 02 NP
Linda O Nwahiri 99 NP
2 Matthias N Nwahiri 99 NP
787 Monica Bashir 04 NP
Benjamin Beryl 05 NP
Dimitris Jimenez 03 NP
Geraldine C Onell 04 NP
Thomas Reddick 99 718.515.0373
Rosalind Smith 05 718.653.1367
789 Apartments
Reid Beryl 02 NP
Debra A Johnson 03 NP
1E Sarah S Meyer 02 NP
2 Hannah L Rodman 92 718.652.3938
791 Apartments
4 Oliver Davis 04 718.882.0785
4 Suzette Davis 04 718.882.0785
4 Sylvia Hughes 05 718.547.7334
1 Renee Janvier 99 NP
E Peggy Pagan 05 718.652.0173
B1 Brenda Rice 01 NP

905-1148-10469
★BRONWOOD AVE INTS
905 S Heggie Ulyssis 05 NP
907 Apartments
Delroy Frazer 03 NP
I Ano Hanchard 96 NP
I Michael Hanchard 96 NP
E Johnson 02 NP
Wayne Martin 05 NP
Hanchard Michael 98 NP
Hector Ramos 03 NP
913 Apartments
Iria Angus 00 NP
Ulric Cadogan 00 NP
Lalitte Franklyn 02 NP
2 Hortense McCloud 98 NP
Anthony Miha 99 718.547.5804
Zoraida Miha 99 718.547.5804
914 Chyree L Counts 03 NP
Deveret M Howell 03 NP
Loretta Tisdale 02 NP
Val Tisdale 02 NP
915 F Cohen 65 718.654.2558
Barbara W Milliner 85 718.652.5403
918 L L Lemuel 05 NP
919 Angela Fleming 04 718.881.4232
Ricardo Lopez 06 718.654.4058
G Warner 04 718.881.4232
920 Cairy A Hajarie 99 NP
921 Apartments
FL1 Dyana Barnes 04 NP
3 Sadie S Emanuel 04 718.881.2835
922 Apartments
1 Calda Clark 06 718.655.3182
1 Anthony Clarke 06 718.655.3182
924★ Melissa Hides 02 718.653.5929
★ Rosie Smith 97 718.652.8730
★ Davis Verlene 02 NP
925★ Superior Security Investigation & MG
+ 718.652.6205
Alfred A Taitt 84 718.652.6205
Peter Taitt 84 718.652.6205
926 Chimwe U Duru 94 NP
Lilian Chinyere Duru 94 NP
Kadiatou Fofana 04 NP
Mamagou Giallo 03 NP
927 Apartments
2 Shaquan Debose 05 NP
Denny Julene 06 NP
Michael Jules 06 718.994.2010
N Walcott 99 718.324.4160
S Washington 05 718.547.7207
928 Voilet Anglin 06 NP
Charles A Bibbs 79 718.653.2583
Faisal Hardi 99 718.882.2136
Seiseo Herdi 99 NP
C Tolbert Ragline 05 NP
Tolbert Rogers 02 NP
William G Valdivieso 06 NP
939 Apartments
Constance Joy 04 718.652.9505
2 Simone R Joye 04 NP
945 Apartments
Mildred A Barrett 02 718.655.5757
Webster Campbell 99 NP
Earl Findlay 05 718.324.1642
PH Mark Morrison 92 NP
Jeffrey R Reid 07 NP
Eliza Petrona Talbert 02 718.231.0879
946 Apartments
AS17 Carol M Dim 92 NP
219 Diane Hall 99 NP
947 NP
949 Gwendolyn V Hicks 97 NP
950 C West 06 718.547.0519
951 NP
952 Apartments
★ Juan Hernandez 06 NP
I Arnold A Pittman 07 NP
I Joy D Pittman 07 NP
Isaiah Saddler 99 718.994.3714
953 C Ramlall 00 718.798.0287
Ramesh Ramlall 00 718.798.0287
955 Apartments
PH Elba A Arana 02 NP
Rajna Begum 99 NP
Edwin Gregorio 04 NP
Tarana Jahan 99 NP
Alicio R Palacios 99 NP
Arturo Ragler 01 NP
956 Apartments
Gayle Eloise 02 718.519.7174
Michelle A Gayle 94 718.515.3125
FL1 Vivian T Gayle 94 718.515.3125
Patricia C Gordon 92 NP
Andrienne Guthrie 02 NP
Gilbert Seriaux 99 NP
Gregory Veitch 03 NP

★PAULDING AVE INTS
1000 A Agu 06 718.798.3858
Emeka Agu 06 718.798.3858
Dudley Black 99 718.231.8518
Lydia Martinez 06 718.231.1806
Fannie Q Robinson 92 NP
★Universal Express 99 718.798.3858
1002 Valentine Allen 05 NP
Marlene Brown-Allen 05 NP
1004A Arnold B Anderson 01 718.547.8057
Karlina A Anderson 01 718.547.8057
★Nda Consulting Inc 06 718.547.8057
1006 Frezel Sasportas 97 718.881.0720
1008 Raymond T Diorio 57 718.652.3304
1010 Junior Dunchie 00 718.653.2038
S Dunchie 00 718.653.2038
Deidre Bro Grant 02 NP
Lebert S Grant 02 NP
Sterling Kerr 99 NP
Velma Kerr-Sterling 06 NP
1012 Beverly Annise Simmons 76 718.881.7891
1014★ Jose M Espinal 03 NP
1022 Barrington A Calvert 06 NP
Brenda V Calvert 06 NP
Jennings Editha 02 NP
E Jennings 79 NP
1024 Pauline M Dickerson 05 718.653.5089
Tyrina Thomas 99 NP
1027 Sharon Latouche 98 NP
Wayne M Latouche 98 NP
1030 Stephen F Carpi 99 NP
1031 Jennifer D Henry 05 NP
Lafayette Herma 02 NP
1033 Apartments
Joan V Brown 02 718.653.4603
Sheresa J Brown 02 718.653.4603
I Paula McCallum 06 NP
Tina Parsons 88 NP
1035 Elaine L Wilson 89 718.696.2009
Joseph L Wilson 89 718.696.2009
1037 Apartments
BSMT Marcia A Campbell 96 NP
FL1 Karen R Horsford 02 718.696.1122
1039 Garfield Bull 05 NP
Nadine Bull 05 NP
Wright Drexel 02 NP
Xavier Green 02 NP
1041 Apartments
Benedicta Nkechi Dimoraku 00 NP
O Dimoraku 00 NP
I Esther M Kahn 99 NP
Andrew Orosco 05 718.653.4945
1042 Apartments
I Heath McPherson 99 NP
1043 Apartments
Carol J Belnavis 84 NP
Michael G Belnavis 84 NP
FL1 Mary M Taylor 92 NP
1044
I ★Restore Hardware Supplies 06
★ Sylvia Furniture Warehou 99
2 Sheryl M Wilson 06 NP
★ Eunice Wood 06 NP
1047 Emmanuel O Odume 05 718.654.2672
Lauretta N Odume 05 718.654.2672
1048 Apartments
★ Foster D Brown 96 718.515.5751
★ Zeleen Charles 99 718.515.0577
I Hemmered Robinson 06 NP
Althia Rowe 04 NP
1050 Apartments
2 Nadine I Isaac 92 718.515.8135
3 Matthew McCullough 00 718.655.6157
1052 Oliver B Behagen 99 NP
C Benitez 05 NP
Elizabeth Vargas 94 718.653.3152
April Watson 02 NP
1053 Edward Davis 97 NP
Luvina Davis 97 NP
1056 George Davis 05 718.547.2482
Winsome Davis 05 718.547.2482
1057 Clifford Hibbert 02 NP
1058★ Earline Burgess 62 718.653.0071
Mary B Burgess 62 718.653.0071
1060 Joseph A Graziade 68 718.655.4538
1061 Apartments
2 Stephanie Connelly 05 NP
1062 Granville Drake 99 NP
L Pearson 99 718.881.1911
Jean Saunders 01 NP
Wyville Saunders 01 NP
Samuels Wyville 04 NP
1063 Carol A Harris 77 718.231.3186
Tyrone W Harris Jr 77 718.231.3186
1065 Ellis McNair 04 718.547.3262
Izora McNair 04 718.653.1206
1067 Apartments
Rowal V Beckford 05 NP
2 Pamela Robinson 04 NP
C Cam A Mills Jr 04 NP
C Crystal Suezette Mills 04 NP

★LACONIA AVE INTS
1101★ Baldwin Core 01 NP
★ Estherleen Core 01 NP
1104
1111 Emmadame Chioma Onyeobia 06 718.882.0511
Obioma Onyeobia 06 718.882.0511
1112 Apartments
Jessica Flores 06 NP
3 Leslie M Martey 06 718.653.7971
Tiffany Miller 99 718.798.5809
1114 Apartments
Eunice Mahu 06 718.325.1461
FL3 Norman Teye 06 NP
1115 Irma I Maysonet 99 718.655.1278
Juan D Maysonet Sr 99 718.655.1278
1117 Evette Gonzalez 95 NP
Robert Gonzalez 95 NP
1123 Andre Bentley 87 718.944.1782
Hugh B Bentley 87 718.515.9212
Eris J Phillip 81 718.653.1532
Sandra M Phillip 81 718.405.6885
1131 Helena Lewis 06 NP
1132★ Pankaj Kumar P Shah 92 718.882.2843
1133 Apartments
Shani Car Carty 00 NP
I Kerisha I Duporte 97 718.994.0923
I Laurence J Duporte 97 718.994.0923
Phelena E Foreman 99 NP
1135 Marilyn F Reid 93 718.515.6466
Tim W Reid 93 718.515.6466
1137 Apartments
PH Rick Foote 94 718.547.3902
2 Audrey Williams 03 NP
2 James Williams 03 NP
1139★ Global Mechanical Corp 97 718.882.8500
Desreen James 03 NP

COLE

★Mainstream
1145★ Emilio Herrera
1146 Mario G Pesta
1148 Emilio A Her
397 PE
★E 212TH ST
CT 431.00 E
CT 380.00
CT 368.00
CT 366.00 E
★DEKALB AVE INTS
24 Apartment
I A Cecilia F
I A Juan S
I A Walter S
50 Apartment
Carlos M Al
Maria J Bal
Maggie L B
Gloria Balle
5F Lucy Belle
★Noreen Bht
6D Carmen Bo
4D Trinka L Br
I C Corelita Ho
4B Elisa Colon
4B Madeline C
Monserate
Lorraine Di
5G Maureen E
4C Darrin R F
4C Venus Fie
2C Keechion L
2D Ubroda Ga
★Tio Henry
3G Claudia P
2E Agnes Ma
★Preservati
6B Alberto Er
★Edna Robl
Martha Ro
3F Johnny Ro
3F Maria I Ro
★Nancy Tej
2G Chevar M
Kevin Whi
5C Tekleham
★DUNCOMB AVE IN
701 Building
★ Church
★ DA Ne
★ Financ
★ New Er
★Osazuwa
★ Wakefe
713 Mark Irga
715 Apartment
John Edw
Monique D
Norys Do
I Humberto
I Ramoula
719 Apartment
2R Brenda B
3R★ Frances C
3R★ Ruth Chis
★Bandit Ja
★Elberta E
721 Apartment
★Racquel H
★Charles T
723★ Monique
730 Eboni Bro
★Ransom
★Frankie O
★Priscilla F
★Walter G
★Courtney
★TILDEN ST INTS
910 Apartme
I George E
912
914 Apartme
★Lindsay O
★Maria I
I Maria I
930 Eric J Co
Francine
Alberta S
932 Tride Wa
934 Haskins
936 Hamoy S
938 Apartme
Scharmu
2C S Nerve
★Mary Set
Alan M St
Ana Teres
942 Apartme
F Lyaicnth A
F Simon G
F Wesalein
944 John C F
946 Daniel Ka
Gloria A S
Juliet E W
McLean Y
952 Frank A T
Lille Thre
Allan A S
Dorothy A
954 Francisco
Bhowant
Ganesh B
Basdeo G
959 Shamika
A Janvir
961 Apartme
Sheldon D
Kareem D
E Gloria D H
E Sharon H
E Brooke J
Cummings
963

1G	Ana G Brito	97	718.1809
3D	Edmund N Cadungon	94	718.652.8087
	Fernando Cervantes	02	718.325.3739
1C	Janice E Chambers	02	718.515.5878
2	Carlo C Claro	01	NP
	Melanie Daniel	02	718.652.9551
4A	Bess Feldner	55	718.652.9059
	Kenneth Fellerman	03	718.547.8200
3B	Desiree Francis	00	718.881.8226
	Francis C Fulo	01	NP
	Celeste Galera	03	718.798.6553
	Sonia Gautani	+	718.798.5517
	Dr Carl Gold	03	718.547.8200
	Necia Holtzman	02	NP
3F	Resurrecci H Iglesias	97	718.519.6050
2E	Edmund James	+	718.798.5173
	Elfreid Jensons	99	718.547.6162
1F	Cristina F Lotilla	97	718.655.3735
6B	Matthew L McDonald	94	NP
5G	Juan Mendez	98	718.652.0582
	Jesus Nava	01	NP
	Donis Owens	00	NP
	Roberto Padilla	03	718.881.6263
5E	Young Lim Park	94	718.547.7999
6H	Linda A Repaldo	97	718.654.4237
6H	Linda Repaldolinda	97	718.882.8950
6GQ	Annette A Reyes	01	NP
5F	Lolita Q Sanchez	99	718.652.5907
5D	Sophia Vanterpool	97	718.515.7489
2A	Angela Vazquez	98	718.231.8139
59	Carmen M Rivera	96	NP
80	Apartments		
	Carmen D Chung	85	718.231.0422
4A	Ydailza Colon	95	718.654.8316
5B	Patricia H Stelley	92	NP

-WAYNE AVE INTS

111			
	*Aecom Montefiore Medical Ctr	+	718.920.4383
	*Albert Einstein Col	99	718.920.7667
	*Coffee Bar Concepts Inc	97	718.920.4116
	*Einstein Rdgwy/Accts Payab	01	718.904.2701
674	*Elizabeth M Alderman MD	94	718.920.6614
	*Ellie E Schoenbaum MD	93	718.655.7527
844	*Epilepsy Management	+	718.920.4898
	*Family Care Ctr	99	718.920.2273
	*Faye Kokotos MD	90	718.920.6567
	*Freed Selwyn MD	94	718.920.4194
	*Friends of North Central	00	718.920.5781
	*Furman Seymour MD	+	718.920.4776
	*Gereau Sezelle MD	03	718.920.3220
	*Hait Gershon MD	98	718.920.6673
	*Hanf Charles MD	98	718.920.5653
GOLD	*Infectious Disease Clinic	99	718.920.8542
	*Intl Pediatric Nephrology	00	718.655.1120
5B	*Jeffrey P Gold MD	+	718.920.7000
	*Joan I Casey MD	+	718.920.7700
	*Kantrowitz Allen B MD	99	718.920.4053
	*Karwa Gattu Lal	98	718.920.4482
	*KJau I	+	718.920.4796
	*Koss Leopold MD	98	718.920.5185
	*Lewis Graden	98	718.920.2020
	*Loeb Ctr SNF	+	718.920.4696
	*Maimonides Medical Ctr Nep	+	718.920.6097
3	*Marvin P Fried MD	00	718.920.2991
	*Melcare Rx McP Phrmcy Svc Lic	+	718.920.6266
FL2	*Mmc/Real Estate & Fcilty Dvl	90	718.920.4355
	*Monte Nursing	01	718.405.4095
	*Montefiore Dental Billing	00	718.547.5164
	*Montefiore Medical Ctr	94	718.920.4327
315	*Montefiore Medical Ctr Cytgdy	01	718.920.4269
	*Montifurra Hospital	87	718.920.4321
	*Narcolepsy Institute Mntfr	98	718.920.6799
	*Norman Z Kahan	02	718.515.0909
556	*Pediatric Cardiology	03	718.920.4793
	*Prevention T Std/Hiv	97	718.519.3034
	*Prim Care Peds	+	718.920.5872
	*Schechner Richard MD	98	718.920.6158
R3	Dr Richard J Scotti II	92	718.920.5121
G46	*Shlomo Shinnar MD	90	718.920.4378
	*Solomon Seymour MD	94	718.920.4203
	*Sparano Joseph A MD	03	718.920.6706
	*Suggs William MD	98	718.920.6338
	*Teamster Ctr Services	85	718.920.5115
	*Tiefer Vivian MD	98	718.920.4719
	*Tiefer Leonore PHD	02	718.920.4576
	*Tishman Learn Ctr Hlth SCI Lib	01	718.920.4666
	*Zohman Lenore MD	97	718.920.5046
170	*Office of Children & Fmly Svc	80	718.798.6660
176	Odette Campbell	99	718.515.4120
	Averill Nelson	00	718.653.2958
	Andrea J Reece	98	NP
	Ano Reece	98	NP
	Violet Williams	00	718.655.5350
	Rickardo Williams	00	718.653.2958
180	David P Wiener	64	718.882.0625
	Edna Wiener	64	718.882.0625
182			
1	Mark J Brownstone	85	718.881.8024

1B	Diana M Crespo	02	NP
	Y Garcia	00	718.515.5647
BSMT	Gregana Radoynova	86	718.882.7018
3D	Carlos A Rivera	86	718.882.7018
3D	Elizabeth M Rivera	86	718.882.7018
3B	Jacquelin Watkins	01	NP
-DECATUR AVE INTS			
300	Apartments		
	Lionel Charles	92	NP
	Felix Chavez	02	718.324.7915
	Dorian Dantonio	87	718.882.0024
	Nikola Gazivoda	95	718.231.6607
	Martin J Olivieri Jr	90	718.798.2984
	Remigio Plasencia	+	718.652.9827
	Ramon Tlaxcaltecatl	03	718.798.3252
BSMT	Arturo Vasquez	92	718.519.7175
BSMT	Arturo Vasquez	92	718.519.8576
	Luis Vasquez	+	718.324.0134
316	Apartments		
C	Carmen Abreu	00	NP
C	Wanda Abreu	00	NP
	Vanessa Andino	+	718.652.9050
C1	Michelle Brown	01	NP
2	Antonio Deleon	98	718.547.2859
D4	Joel Diaz	+	NP
A3	Charles L Dumberger	92	718.547.4015
A3	Rosemary Dumberger	92	718.547.4015
B4	Robert Gonzalez	01	NP
D1	Curtis J Jenkins	99	NP
D1	Wendy H Jenkins	99	NP
	Nagid Kaid	+	718.405.1766
	Nagid Kaid	+	718.547.3648
C2	Debbie Lopez	99	718.881.2603
C2	Jorge Lopez	99	718.881.2603
C4	Angel J Macias	01	NP
	Rosa Rivera	01	718.944.0956
	Advira Stern	98	718.652.4604
A4	Wilfredo J Torres Jr	03	NP
B1	Caroline J Westbrook	98	NP

-WHITE PLAINS RD INTS

625	Zafer Yesilova	+	NP
635			
	Jacob Adeniran	99	718.881.6813
3A	Andrea Anduga	99	718.231.0919
	Kijitin Bakalli	03	718.231.4695
	Noel Boissy	03	718.994.0443
1G	Jose B Brea	96	718.798.0817
6B	Jose Alberto Burgos	99	718.547.3836
6B	Victor Burgos	99	718.547.3836
	Tomas A Castaing	99	718.881.5368
4C	Adria Tineo Debarreto	98	718.798.2929
3D	Santos C Delos	94	718.515.4979
3D	Carolina E Delossantos	94	718.515.4979
	Janice Edwards	99	718.652.0366
	Yahaira Ferreira	00	718.653.7710
	Wendy Flores	01	718.655.6556
1B	Souleymane Gaye	01	NP
2GA	Lenny Genao	99	718.798.7929
2GA	Lleni S Genao	99	718.798.7929
	Silva Gladys	+	718.994.0186
2C	Rafael A Gomez	99	718.515.4323
2C	Rosanna Gomez	99	718.515.4323
	Rinel Hernandez	+	718.231.5239
	Esmeralda Jimenez	+	718.654.5712
4F	Tracey Little	99	718.231.7411
	Benjamin Lopez	+	718.519.8283
	Katarina Marku	93	NP
	Palush Marku	93	NP
	Mercedes Marrero	02	NP
2D	Raymond Martinez Sr	96	718.652.6877
6D	Mercedes Mathews	95	718.231.3858
	Larry McBrearty	01	718.231.6286
	Larry McBrearty	01	718.655.1760
4B	Ralph J Mendoza	94	NP
2F	Maribel Munoz	92	NP
3GA	Luis A Ortiz	00	NP
3H	Maria H Paulino	94	718.881.0868
	Gjek Pepa	02	718.944.6520
	Josefina Perez	02	718.944.6599
	Eduardo Rameres	02	NP
	Katherine Reyes	+	718.652.3482
	Azalyann Rivera	03	NP
	Altagracia Rodriguez	+	718.655.2787
	Hector Santos	03	NP
5A	Leoncio Servones	86	718.882.5993
6E	Camille Simms	00	NP
4G	Aung K Soe	01	NP
	Gaye Souleymane	02	718.944.0744
	T Taylor	02	718.547.0784
	Artavia T Thompson	01	718.654.5166
4C	Adria Tineodebarreto	98	718.798.2929
4F	Tracey Utile	99	718.231.7411
	Jeannette T Vargas	98	718.654.1179
	Teresa Vargas	98	718.654.1179
	Emre Mumta Yanik	02	718.324.7196
2B	Sandra Zenon	01	718.655.6770
	*635 Realty Lic	00	718.882.5529
703	Apartments		
2R2	Keba Cisse	00	718.515.0482
2R2	Khady Cisse	00	718.515.0482

-BARNES AVE INTS

703	Apartments		
2R2	Keba Cisse	00	718.515.0482
2R2	Khady Cisse	00	718.515.0482

Zakeenah Kirmon	64	718.231.0083	
Noreen A Somerville	64	718.231.0083	
William R Somerville	NP		
750 Apartments			
	Cordice Benjamin	98	NP
	Dillion B Cordice Jr	93	718.655.5261
	Donna D Cordice	93	718.655.5261
	George Madathinakam	96	NP
	Iheanacho C Mbalewe	00	718.405.6384
	Mary C Mbalewe	00	718.881.0983
	Mary L Burns	74	718.882.0654
	Mattie L Burns	74	718.882.0654
757 Apartments			
	Madelyn E Ricks	82	718.519.7232
	Roosevelt D Bowman II	79	718.231.3768
	Viola S Bowman	79	718.231.3768
758 Apartments			
	Madelyn E Ricks	82	718.519.7232
	Roosevelt D Bowman II	79	718.231.3768
	Viola S Bowman	79	718.231.3768
760 Apartments			
	Kenneth J Bailey	92	NP
	Franklin T Fraser	81	NP
	Julia E Fraser	81	NP
	Shivon A Morgan	99	NP
	Loreen Reid	97	NP
2	Henderson Carlett	02	NP
761	N Clairborne	+	718.881.9852
	Gwendolyn Perkins	03	718.325.8601
	Phyllis Wilson	+	718.881.1193
762	Edwardo Scott	97	NP
764	Kaye M Downer	90	718.652.7506
	Millicent E Downer	90	718.231.4180
766	Gary D Frederick	01	718.515.2938
	Henry J Frederick	01	718.515.2938
	Annie R Jarvis	98	NP

779 Del Castillo Multiservices Inc			00	718.653.4809
	Tameka Radway	99	NP	
	Edwin J Rosado	+	718.324.4624	
783	Dorothy D Drake	99	718.655.0190	
	Sidney M Drake	99	718.655.0190	
	Hope Dunkley	97	718.405.1650	
	Marjorie Dunkley	97	718.654.0070	
	Odeth Lewis	02	718.881.5013	
785 Apartments				
	Evelyn Jones	+	718.515.3566	
	Carlton Lewin	03	718.654.0701	
	Nwahiri Matthias	02	NP	
2	Linda O Nwahiri	99	NP	
2	Matthias N Nwahiri	99	NP	
787	Dimitris Jimenez	+	718.882.7445	
	Geraldine Oneil	+	718.653.0913	
789 Apartments				
	Reid Beryl	02	NP	
	Debra Johnson	03	718.881.2003	
1E	Sarah S Meyer	02	NP	
2	Hannah L Rodman	92	718.652.3938	
791 Apartments				
	A Devlugt	02	718.798.0148	
	Francis Miller	02	718.798.5729	
B1	Brenda Rice	01	NP	
	Joshua Roman	+	718.547.5266	
839	Dionne Johnson	02	NP	

907 - 1148 10469

-BRONXWOOD AVE INTS

907	Apartments			
	Delroy Frazer	03	718.655.1433	
1	Ano Hanchard	96	NP	
1	Michael Hanchard	96	NP	
	E Johnson	02	NP	
	Hanchard Michael	98	NP	
	Hector Ramos	+	718.882.8639	
911	Joan Baptiste	02	NP	
912 Apartments				
	Ethain Thomas	+	718.654.5790	
	Ned W Thompson	84	718.654.8285	
913 Apartments				
	Iria Angus	00	718.881.1005	
	Ulric Cadogan	00	718.515.7106	
	Lallite Franklyn	02	NP	
2	Hortense McCloud	98	NP	
914	Loretta Tisdale	02	NP	
	Val Tisdale	02	NP	
915	F Cohen	65	718.654.2558	
	Barbara W Milliner	85	718.652.5403	
918	Ano Lockhart	82	NP	
	Lemuel L Lockhart	82	NP	
919	Angela Fleming	+	718.881.4232	
920	Alfonso Trenton Vassall	87	718.231.1621	
921				
922	Tanya M Levy	02	NP	
	Akeem Luke	02	NP	
	Narain Singh	03	NP	
	Rosaline R Walbrook	92	718.231.3371	
924	Lloyd A Davis	92	NP	
	Verlene Davis	92	NP	
	Melissa Hides	92	NP	
	Kimberly V Kelly	02	718.653.5929	
	Kermitt R Pitters	00	NP	
	Rosie Smith	02	718.994.1738	
	Davis Verlene	97	718.652.8730	
		02	NP	

FL1	Michelle Gay		
FL1</			

Table of real estate listings with columns for address, phone number, and agent name. Includes sections for E 210TH ST, E 211TH ST, E 212TH ST, and various apartment complexes like BAINBRIDGE AVE INTS and BRONXWOOD AVE INTS.

ADDRESS

E 210TH ST

Table listing addresses and phone numbers for E 210th St, including 110* Greens Mech Corp, 111 Building, and various medical centers and businesses.

Table listing addresses and phone numbers for 111* Mntfr Medical Ctr, 112* Mntfr Medical Ctr, and other medical facilities.

E 211TH ST

Table listing addresses and phone numbers for E 211th St, including 100-480 CT 431, 101-399 CT 435, and various apartment buildings.

Table listing addresses and phone numbers for 732 John Mas, 736 Larry Dickson, and other businesses and apartments.

E 212TH ST

Table listing addresses and phone numbers for E 212th St, including 1-98 CT 431, 700-799 CT 380, and various apartment buildings.

Table listing addresses and phone numbers for 1052 Apartments, 1053 Tyre Grant, and other businesses and apartments.

E 213TH ST

Table listing addresses and phone numbers for E 213th St, including 600-700-900-1000, and various apartment buildings.

Table listing addresses and phone numbers for 1029 Apartments, 1030 Apartments, and other businesses and apartments.

229 CT 429.02 \$C..D 6
 199 CT 429.01 \$B..E 6
 ES
 88 515-2060
 88 882-7015
 63 882-3752
 798-2083
 231-7982
 59 547-6465
 88 655-7664
 84 881-4861
 87 231-3782
 72 231-5958
 84 405-0232
 84 655-3087
 73 881-8212
 881-5114
 881-9359
 881-9199
 547-2849
 78 547-3036
 82 654-6137
 68 547-7588
 89 798-3970
 82 231-6033
 55 882-2805
 69 882-4995
 87 231-6544
 81 798-9801
 76 655-2922
 881-1985
 89 515-3460
 72 798-3270
 80 798-8357
 72 882-8536
 81 655-2032
 62 652-6702
 69 547-8511
 82 652-5668
 85 547-9233
 89 652-7341
 63 547-4140
 55 653-0935
 89 519-6351
 85 882-4526
 88 655-0451
 85 652-0996
 64 652-6356
 231-3924
 83 231-9412
 89 655-1806
 655-1812
 881-6986
 88 515-4166
 81 655-6964
 89 519-7941
 405-1283
 55 652-8726
 881-3627
 88 515-0064
 798-0525
 88 515-4054
 79 652-3669
 88 519-6981
 88 882-5057
 88 515-4054
 56 652-9379
 89 231-9533
 55 654-6076
 88 515-9374
 82 653-1045
 79 654-8158
 83 652-7498
 405-1653
 89 798-4058
 85 653-4461
 78 798-5176
 405-0083
 881-2405
 547-8812
 88 515-2447
 881-9107
 231-0306
 83 547-6997
 80 654-6691
 87 231-2251
 86 519-0326
 83 231-3005
 86 231-1616
 798-6219
 82 547-2239
 84 798-5726
 405-0748
 881-3382
 89 231-2372
 89 798-5514
 881-8892
 88 547-9491
 86 231-1632
 86 652-0308
 87 515-3476
 71 798-2428

John Keane 55 655-3759
 F Kestenbaum 65 652-6471
 Alexander Kosloski 89 231-8909
 Rosa Leinfelder 55 652-4565
 Abraham Levy 405-0299
 Arturo Mercado 547-7457
 Aturo Mercado 72 882-3718
 Mrs Hannah Nolan 86 231-1012
 William Smith 55 652-0127
 M Spector 68 653-1252
 Morris Youngman 77 547-4402
 Edward Rodriguez 86 881-6774
 Lilliana Gonzalez NP 55 652-7229
 Joseph P Schenck NP 86 231-0422
3401 KOSSUTH AV
 Wilbert Chung NP 86 231-0422
 93
 111★ Dr Uriel S Barzel 83 920-5291
 ★ Dr Richard Brauer 83 920-4794
 ★ Dr A S Buchberg 89 920-4386
 ★ Dr Ronald Burde 89 920-2020
 ★ Dr M Cherkasky 81 920-4001
 ★ Dr Lewis Conner 82 920-6379
 ★ Dr M Distefano 89 920-4961
 ★ Dr Harry Engel 78 920-2020
 ★ Dr Stanley C Fell 74 882-4800
 ★ Dr Selwyn Freed 75 920-4194
 ★ Dr Seymour Furman 920-4776
 ★ Dr Marvin Gilbert 920-5216
 ★ Dr Myron Gilbert 920-5226
 ★ Dr M L Gliedman 77 920-4716
 ★ Dr Harry Goldin 88 920-6734
 ★ Dr K Goldman 72 920-5561
 ★ Dr Milton Grand 87 920-4795
 ★ Dr E Greenwald 87 920-4816
 ★ Dr S O Grossman 920-5266
 ★ Dr E T Habermann 920-4961
 ★ Dr Paul Henkind 72 920-4246
 ★ Dr H G Jacobson 920-4626
 ★ Dr Leopold Koss 74 920-5185
 ★ Dr Bernard Kravitz 83 920-5301
 ★ Dr Martin Levy 89 920-4961
 ★ Dr Martin Mayers 87 920-2020
 ★ MMC Gnl Info 78 920-4321
 ★ MMC Patient Info 78 920-4141
 ★ MMC Adm Offices 78 920-4321
 ★ MMC Admitting 78 920-5001
 ★ MMC Blood Bank 78 920-4786
 ★ MMC Cardc Cthtrzn 78 920-4786
 ★ MMC Cardc Pacemkr 78 920-5413
 ★ Mntfr Med Ctr Emer 78 920-4881
 ★ MMC Employment Ofc 78 920-5731
 ★ MMC Gift Shop 78 920-4501
 ★ MMC Home Care 78 920-5081
 ★ MMC Medical Recrds 78 519-4000
 ★ Mntfr Med Ctr Nrsg 78 920-4921
 ★ MMC Nursing Service 78 920-4701
 ★ Mntfr Med Ctr Nrt 78 920-4906
 ★ MMC Ophthalmgy Dpt 78 920-4691
 ★ Mntfr Med Ctr Acct 78 920-2020
 ★ MMC Pharmacy 78 920-6081
 ★ Mntfr Med Ctr Prch 78 920-4103
 ★ Mntfr Med Ctr Dsdr 83 920-4466
 ★ MMC Social Service 78 920-4841
 ★ Mntfr Med Ctr Vint 78 920-4545
 ★ MMC Opc Adlt Cardc 78 920-4191
 ★ MMC Opc Ped Cardc 78 920-5586
 ★ MMC Opc Dental 78 920-4793
 ★ MMC Eye Optnt Cinc 78 920-4981
 ★ MMC Opc Gen Med Cl 78 920-4216
 ★ MMC Opc Headache 78 920-5641
 ★ MMC Opc Pediatric 78 920-4636
 ★ MMC Opc Psychiatry 78 920-6567
 ★ MMC Opc Radtn Ocnl 78 920-4295
 ★ MMC Opc Rehabiltn 78 920-4361
 ★ MMC Opc Sickl-Cel 78 920-4844
 ★ MMC Opc Urology 89 920-7373
 ★ MMC Opc Adlt Wlkin 78 920-4531
 ★ MMC Out Patnts Clc 78 920-4105
 ★ MMC Surg Cardio Th 87 920-4693
 ★ MMC Surg Cmm Dsord 87 920-5541
 ★ MMC Genrl Surgery 87 920-2330
 ★ MMC Neuro Surgery 87 920-4716
 ★ MMC Orthopdc Surg 87 920-4196
 ★ MMC Otolaryngology 87 920-4961
 ★ MMC Plstc&Rcst Sgy 87 920-4646
 ★ MMC Urology 87 920-5551
 ★ MMC Vascular Srgy 87 920-4194
 ★ Mntfr Med Cntr 89 920-4108
 ★ Mntfr Med Cntr 89 519-0318
 ★ Mntfr Med Cntr 89 655-0037
 ★ Dr Jordan Pantel 920-5069
 ★ Dr L Rangaswamy 81 920-5473
 ★ Dr George Robinson 74 920-4932
 ★ Dr Pearl Rosenbaum 89 920-2020
 ★ Dr Danuta Rozycki 81 920-5067
 ★ Dr G J Sallis 82 920-4961
 ★ Dr C Schneebaum 920-5065
 ★ Dr Jeffrey Schultz 89 920-5065
 ★ Dr L P Seimon 81 920-2020
 ★ Dr M E Shafran 920-6191
 ★ Dr Aaron Sher 920-5276
 ★ Dr Carl Silver 81 920-6442
 ★ Dr Carl Silver 86 920-4308
 ★ Dr T Slamovits 81 920-4308
 ★ Dr Lenore Zohman 89 920-2020
 ★ Dr Jay Fleischman 89 920-5046
 D ★ Dr Jay Fleischman 89 920-2020

266 Gloria Aviles 76 655-4854
 Noelia Lopez 89 652-4978
 Carmen Matos 87 798-3738
 Antolino Presinal 88 515-7438
 Carlos Rivera 515-7539
 Raymond Vega 86 515-5119
 85 882-7018
 547-3009
PUTNAM PL
3525 PERRY AV
 300 Armando Amaral 65 231-3363
 Dorian Dantonio 87 881-8488
 Brian Finucane 82 547-0785
 Sean Gerald Morris 85 231-8763
 Chas L Dumberger 66 547-4015
 L M Fagan 83 519-1829
 Carla Gathers 547-5343
 J A Middleton 80 547-5609
 I Phillips 89 515-4827
 M Rohner 76 655-9112
 316
HULL AV
DECATUR AV
 365 R Fernandez 515-9465
 Adriana Fieureo 515-3813
3541 WEBSTER AV
BRONX BLVD
 635 P F Bauer 65 881-0869
 Luis Hernandez 881-0526
 Carlos Martinez 89 515-5382
 Esperanza Mercado 798-2116
 Eladio Miranda 81 547-6748
 Higinio Nieves 81 882-3895
 Idalia Rosa 89 655-9654
 Milciades Ruiz 87 515-5339
 William Sandoval 88 515-5942
 Leoncio Servones 89 654-1757
 Leoncio Servones 86 882-5993
3521 OLINVILLE AV
3530 WHITE PLAINS RD
 700★ Emmas Place 88 653-0616
 703 NP
 710 Adelaida Anderson 86 652-2897
 Xiomara Anderson 231-7128
 712 Jeffrey Bennett 89 231-4667
 Rosenlyn Nelson 519-6196
3530 HOLLAND AV
 735 NP
 736 Thomas Roberts 88 519-7069
 738 744 746 NP
 748 Peter R Kirnon 64 231-0184
 B Somerville 79 231-0083
 750 NP
 752 Ransford McLeod 83 881-2080
 G Taylor 70 655-1877
3530 CARLISLE PL
 754 NP
 755 Lorraine Alfinito 83 881-2066
 Madeline Degenaro 66 654-8812
 757 Mattie L Burns 74 882-0654
 758 Edward W Ricks 84 519-7232
 759 Roosevelt Bowman 83 231-3768
 760 A Lauray 88 882-5392
 761 Elvis Athill 88 652-4643
 Velma Cooke 798-4824
 762 NP
 764 K Downer 80 652-7506
 766 Louise A Barnett 71 798-7013
 779 Gary Frederick 85 881-6598
 783 Eileen Pennant 655-6507
 John Wilson 75 882-6604
 M Riley 798-4316
 785 NP
 787 NP
 789 Geoffrey Nicholas 80 652-3426
 791 Maurice Nwokolo 405-1023
 Andrea Pabarue 798-5193
 Jesus Vazquez 77 882-8157
3500 BARNES AV
TILDEN
3530 BRONXWOOD AV
 10469
 905 907 NP
 912 Walter Mayo 87 653-3310
 Ned W Thompson 68 654-8285
 913 Franklyn Lallite 89 652-8009
 Zack Williams 515-7254
 914 NP
 915 Rudolph Cohen 66 654-2558
 Barbara Milliner 87 652-5403
 918 Darryl Lockhart 88 515-2694
 919 J Edwards 655-1829
 920 P Blyden 80 652-6333
 921 H Shakes 652-0606
 922 NP
 924 Margaret Harewood 89 652-0893
 Jaime Hunter 76 655-5595
 925 Awilda Godwin 654-2101
 Fitzroy Taitt 881-1381
 Peter Taitt 83 652-6205
 926 D Gonzalez 89 519-9894
 Daniel Soto 85 882-3655
 L Green 83 519-0684
 927 Steve Hamilton 85 881-5883
 Charles A Bibbs 79 653-2583
 Robert Stokes 87 515-8559
 Rogers C Tolbert 72 798-8427

1037 Mrs H Walcott 519-7302
 Ernest L Wilson 652-1459
 George Howard 655-5455
 George Robinson 79 231-2939
 Bernice Taylor 88 231-7015
 Dale Baker 654-3477
 Frank Minzie 69 231-2550
 M Minzie 86 231-5214
 Floyd James 882-5214
 1042 Ralph Montero 881-2414
 Samuel Rodriguez 654-6762
 1044 Felina Jimenez 654-4067
 Roberto Perez Sr 62 547-9531
 Nolan Simmons 81 798-4476
 Roscoe Bethune 72 798-4476
 1053 Mrs M Washington 84 655-7028
 1056 Albert B Campbell 84 653-0071
 P D Campbell 63 652-0299
 Mrs Mary B Burgess 66 798-4191
 Leonard Graziade 77 882-5226
 1058 M Lister 63 882-5755
 1060 Rev H R Murphy 63 231-3186
 1061 Mrs E L Johnson 78 655-2024
 C Harris 89 882-2684
 Tyrone W Harris 64
 George G Roberts 86 653-2208
3530 LACONIA AV
 G Miller 69 547-0054
 George E Cummings 798-3175
 Estelle Ward NP 69 231-0432
 John Ciccarelli 60 655-3731
 M Maloney NP 88 519-8127
 Earl Greenidge 78 653-1532
 James Greenidge NP 89 798-1073
 Linton Morgan NP 79 231-1271
 1131 1133 1135 88 547-8582
 1132 Eva Robinson 87 515-8262
 1137 Robert Santana NP
 1144 Waldo Brown NP
 1148
3340 BOSTON RD
 172 RESIDENCE 3 BUSINESS
 10467
212TH ST E
 1- 100 CT 431 \$C..D 6
 700- 899 CT 380 \$B..D 7
 900- 1299 CT 368 \$A..D 7
 5 D4
 F4
 ● HAGSTROM MAP LOC
 ● HAGSTROM MAP LOC
3550 JEROME AV
3565 DEKALB AV 88 515-5811
 24 Antonio Santiago
3600 ROCHAMBEAU AV
 50 W Antonetti 86 654-5022
 Rodolfo Caballero 79 798-6376
 Marshall Cox 89 231-5141
 Monscorage Cruz 84 881-7326
 M Dinkins 77 654-0096
 Achamma John 84 519-1724
 P John 87 798-0947
 Claudia Khan 405-2053
 Jannette Lopez 86 882-0506
 M Lopez 515-7827
 Kay Nelson 75 653-2857
 I Polley 881-2715
 Ana Reyes 75 654-2278
 S Rizzo 882-4368
 M Robles 87 515-0348
 Hermes Rodriguez 882-1465
 L Rojas 89 519-1526
 Rueben Ruiz 881-5328
 Saturnia Toledo 86 881-5803
 Andre Vidal 86 519-9385
 T Woldzghi
BRONX RIVER
3560 WHITE PLAINS RD
 701★ Gspl Tbrncl Chr 405-2420
 709 NP
 713 M Miller 80 882-3027
 715 R J Moore 72 881-1067
 718 722 723 725 NP
 727 729 NP
 730 Joseph Nieves 88 515-0957
 Donald Thomas 88 515-8351
3551 HOLLAND AV
3560 BRONXWOOD AV
 10469
 910 Mrs V Henderson 63 654-8560
 L M Redden 69 652-3073
 912 David Jenkins 82 653-4238
 914 R Dillard 65 881-0075
 922 E L Walker 63 654-8281
 930 M Christian 81 231-8059
 Mrs W Cornelius 81 547-0620
 A Wooden 67 231-0142
 Barbara Gordon NP 88 519-0783
 D Maylor 515-0157

CITY DIRECTORIES

• 3572 Murray Studios	547-4200
• 3574 Foam Rubber Supl Cntr	654-5271
• 3576 African Fashions	655-0767
• 3578 Cathor Brokerage	655-6565
• 3578 Nubian Society Inc	547-5094
• 3578 Renia's Beauty Salon	654-0519
• 3578 Van Rae Elect Inc	547-8220
• 3580 Regina Pizzeria	798-4111
• 3582 Ben Cascio & Sons Inc	
sewing mach mechs	652-7005
• 3582 Cascio Ben & Sons Inc	652-7005
• 3584 Green Garden Health	
Food	652-9535

1985

3570 Ham Ham Club	655 9815
3574 Foam Rubber Supl Cntr	654 5271
3576 Laconia Farms	butr eggs RI 7 6404
3576 Math Sydney	butr eggs RI 7 6404
3578 Darby A Hugh	547 1080
3578 Fuji Dojo Inc	231 3119
3578 I B I Security Svce Inc	656 2412
3578 Martha's Beauty Salon	OL 2-0024
3578 Tridente Leo F	accnt OL 4 4040
3580 Regina Pizzeria	655 9482
3580 Regina Pizzeria	798 4111
3582 Cascio Ben Sons	
sewing mach mechs	652 7005
3584 Joe's Luncheonette	655 9515
3584 Klean Brite Cleaners	HR 2 9524

1975

3572 Sam's Tuxedos To Hire	OL 5-3736
3574 Piemont Meat Mkt	OL In 5-0290
3576 Laconia Farms	butr eggs AI-King 7-6404
3576 Math Sydney	butr eggs KI 7-6404
3578 Artale & Artale	ins OL 4-5400
3578 Artale Jack	ins OL 4-5400
3578 Kalebdjian Leon	embroid 58-TU 2-5004
3578 Martha's Beauty Salon	OL In 2-0024
3578 Price Paul b	OL 4-0900
3578 Tridente Leo F	accnt OL 4-4040
3578 Trimco Embroideries	AD 3-0787
3580 Regina Pizzeria	TU 2-9468
3582 Lisanti A A	prescrip 53-TU 2-3259
3582 Lisanti Pharmacy	882-9863
3584 Klean Brite Stores	56-TU 2-7471
3584 Giorsio Lunchnet	655-9515

1965

CITY DIRECTORIES

3572 Magnano Sam Ur-53 OL in 5-3736
 3572 Sam's Tuxedos To Hire 53 OL in 5-3736
 3574 Piedmont Meat Mkt 0. in 5-0290
 3576 Laconia Farms butr eggs A1 KIng 7-6404
 3578 De Pasquale John J. atty. A1 OL in 5-8360
 3578 Elite Embroidery Wks Inc. 55 TUH 2-6995
 3578 Martha's Beauty Salon 57 OL in 2-0024
 3580 Maddi Bros Mry OL in 5-8188
 If no answer call OL in 2-9518
 3582 Lisanti A. A. prescripLns 53 TUH 2-3259
 3582 Lisanti Pharmacy 53 TUH 2-9363
 3584 Viola & Varveri lunchnet D9 OL in 5-9061

1955

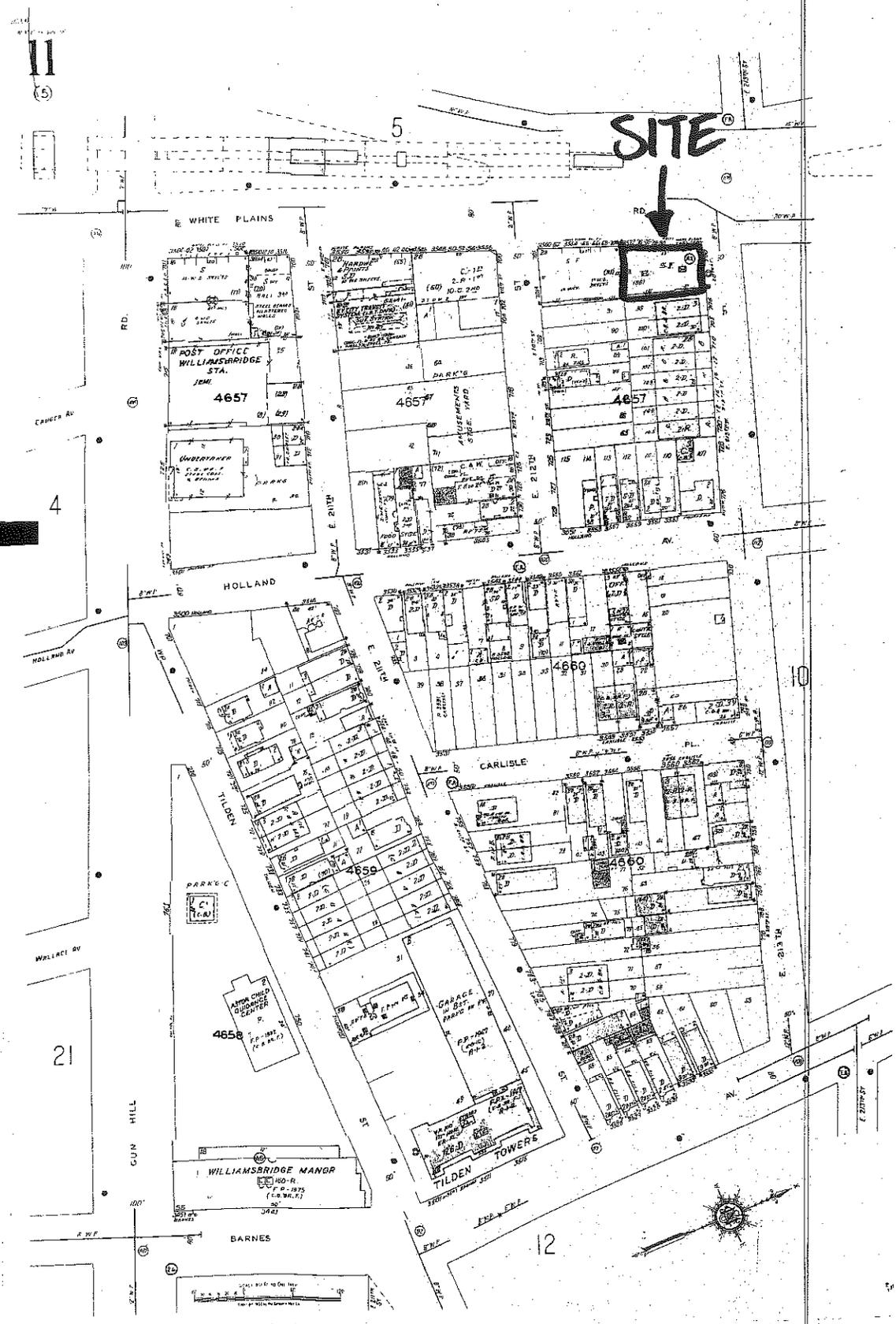
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 3572 Tom's Tuxedos to Hire D2 OL in 5-3736
 3574 Motta Jos b S3 OL in 5-0290
 3574 Piedmont Meat Mkt S3 OL in 5-0290
 3578 Boni Novelty Co. D4 OL in 2-3600
 3578 Cianchetti Adolph lwyr D1 OL in 5-8320
 3578 Martha's Beauty Salon 57 OL in 2-0024
 3578 US Government Selective Svc Local Board
 No 102. D1 OL in 5-3002
 3580 Maddi Bros Mry W9 OL in 5-8188
 3582 Joe's Fruit & Vegetable Mkt. J5 OL in 2-3911
 3584 Geidel Paul lunchnet D4 OL in 5-9061

1945

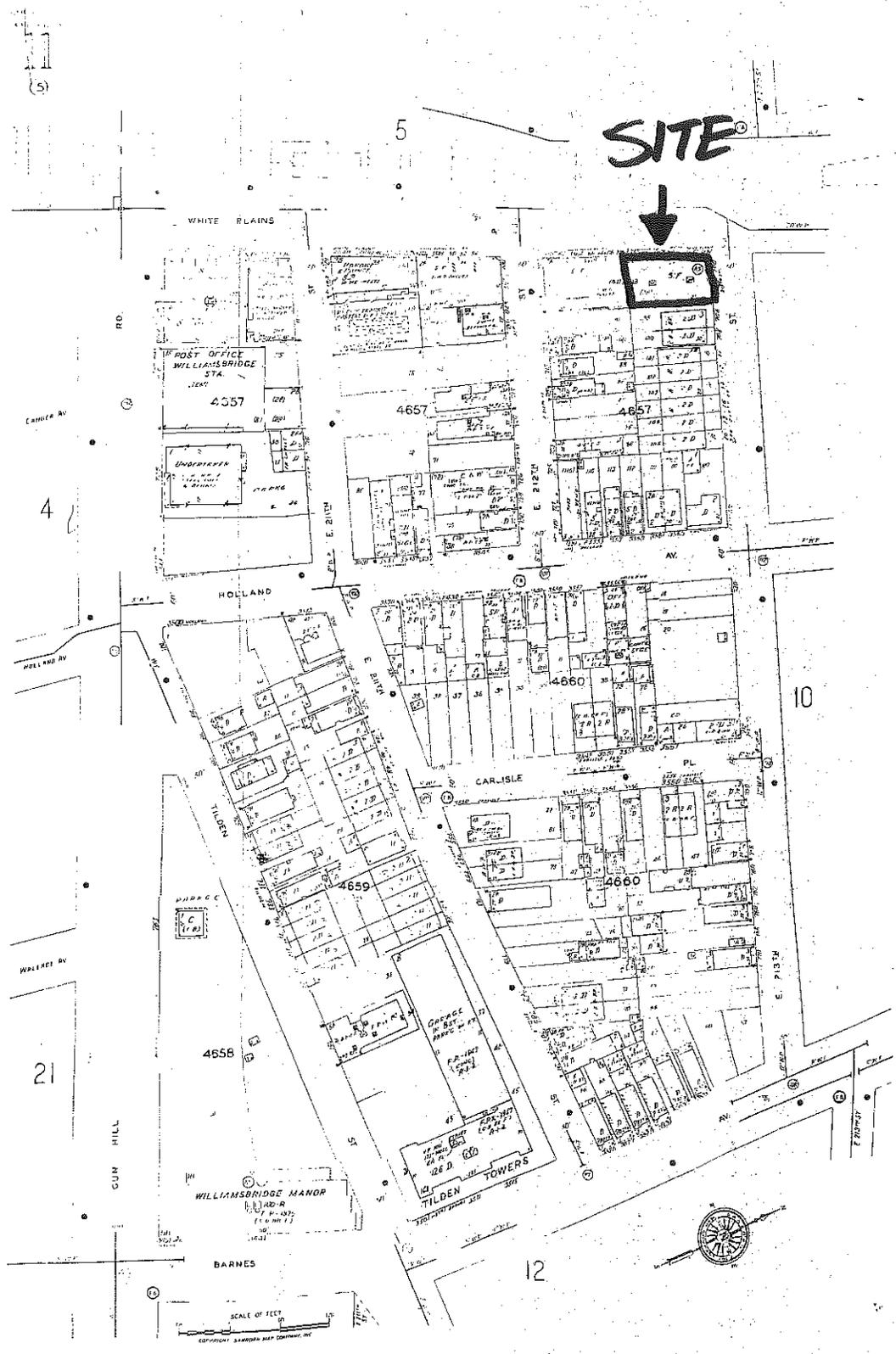
3574 Motta Jos b S3 OL in 5-0290
 3574 Piedmont Meat Mkt S3 OL in 5-0290
 3578 Cianchetti A lwyr ES ta 8-0504
 3578 Donnelley Reuben H Corp NPub
 3578 Gemola A furs OL in 5-0565
 3578 Hyman Harold DDS ofc OL in 5-4476
 3578 Natl Lathing Co Inc. W3 OL in 5-1162
 3578 Rocciola Wm E lwyr S3 ES ta 8-0504
 3580 Maddi Bros bakry ES ta 8-1353
 3582 E & M Fruit & Veg Mkt OL in 5-2762
 3584 Daffara John deletsn S2 ES ta 8-0787

1935

1986



1976



1951

11
5

089

SITE

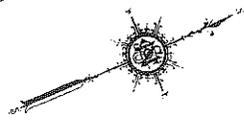


4

10

21

12

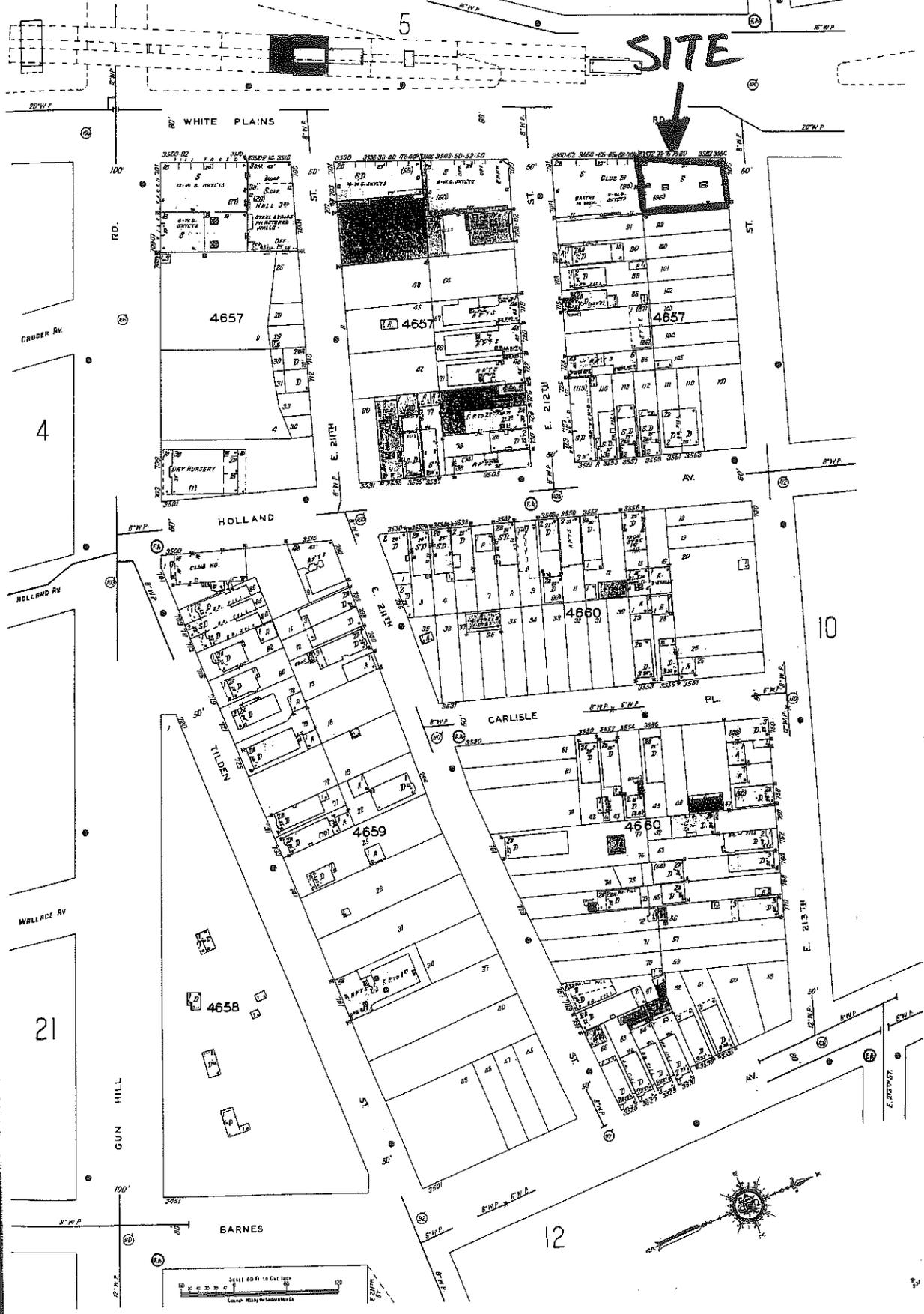


1935

11
(5)

5

SITE



WHITE PLAINS

4657

4657

4657

HOLLAND

CARLISLE

4659

4660

4658

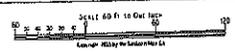
BARNES

4

10

21

12



1918

SITE

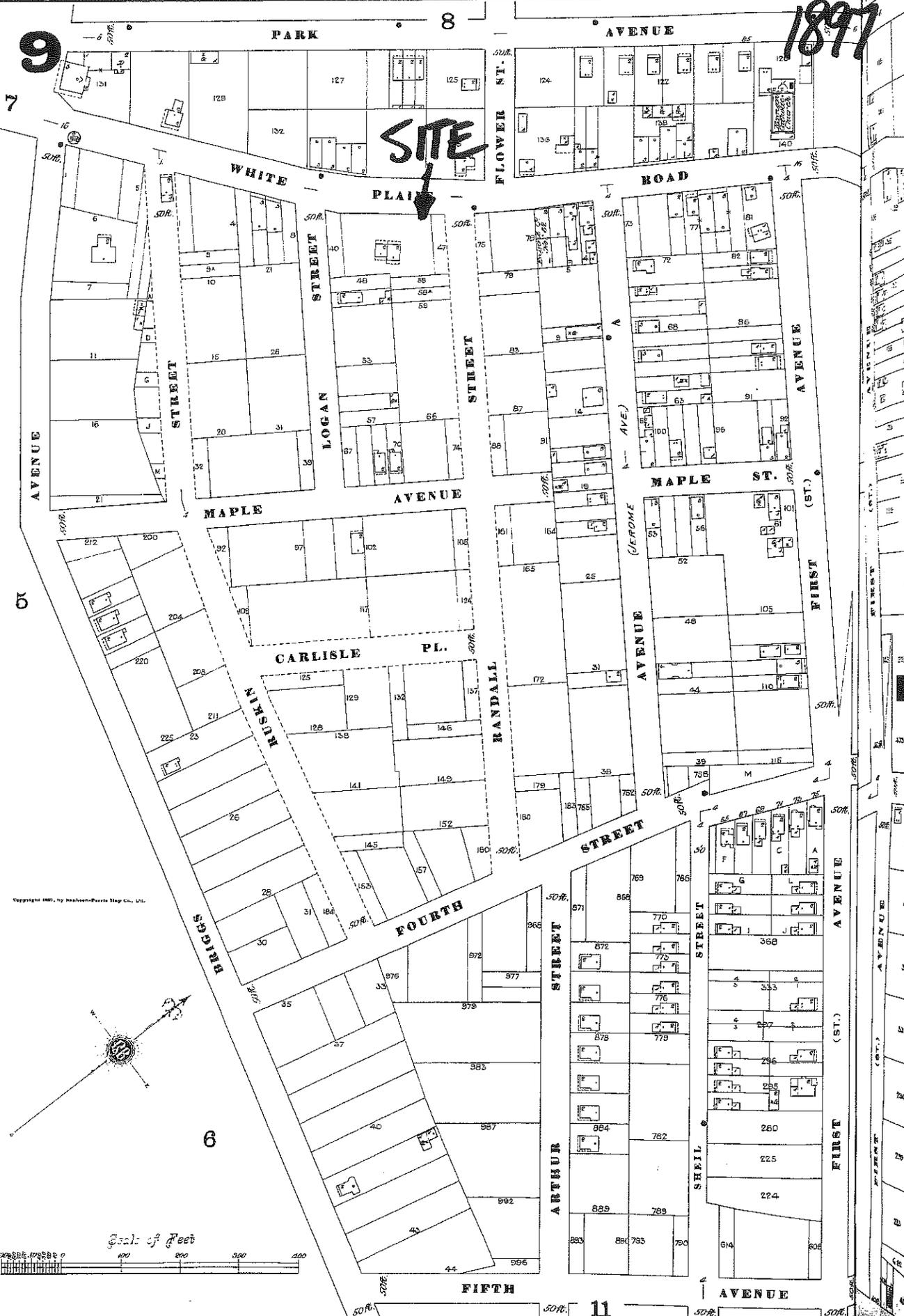


SCALE 80 FEET TO 1 INCH

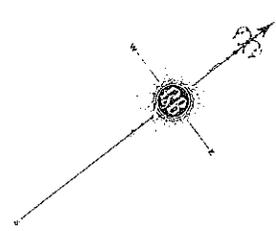
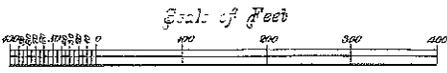
Copyright 1918 by the Rand McNally Co

1897

SITE

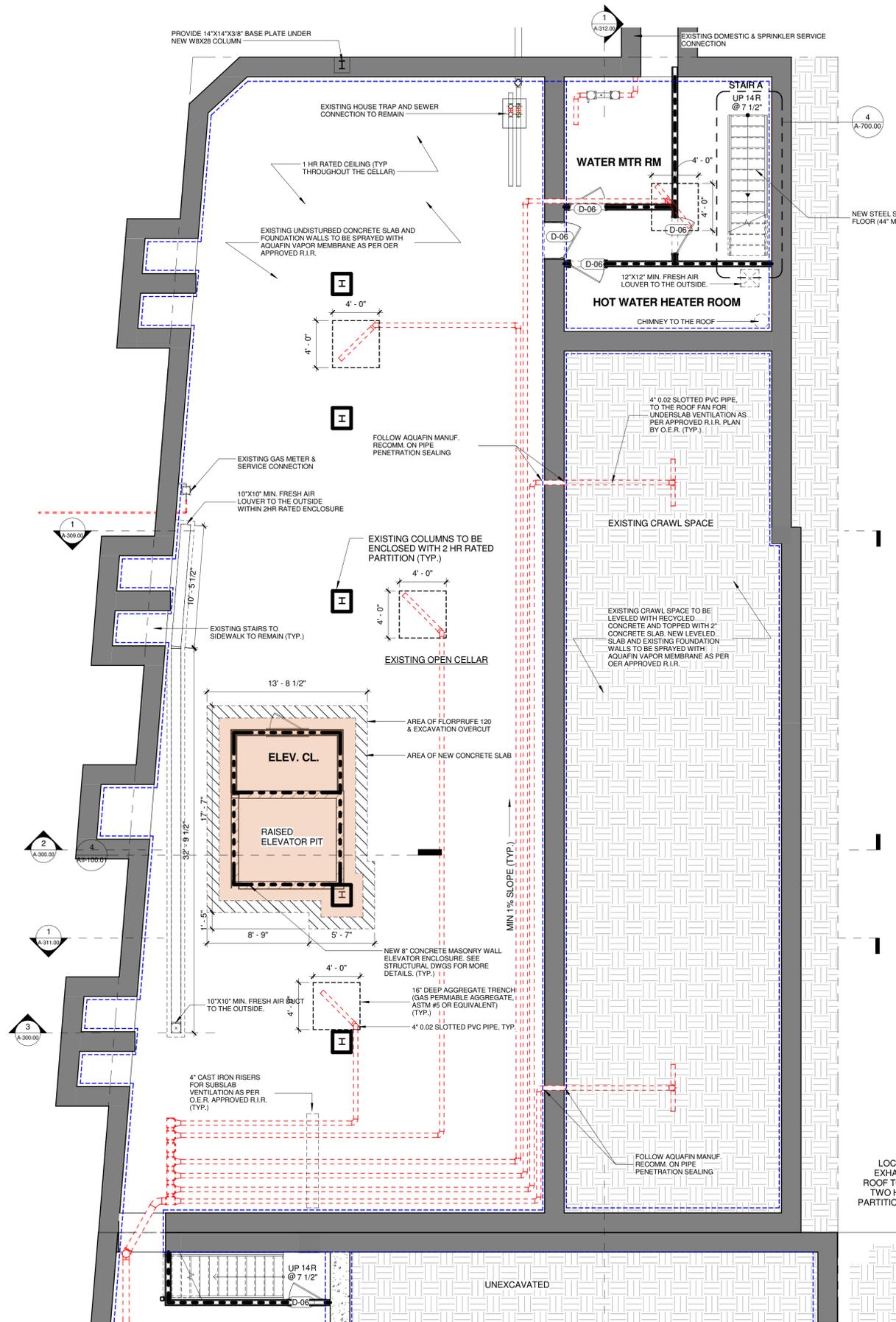


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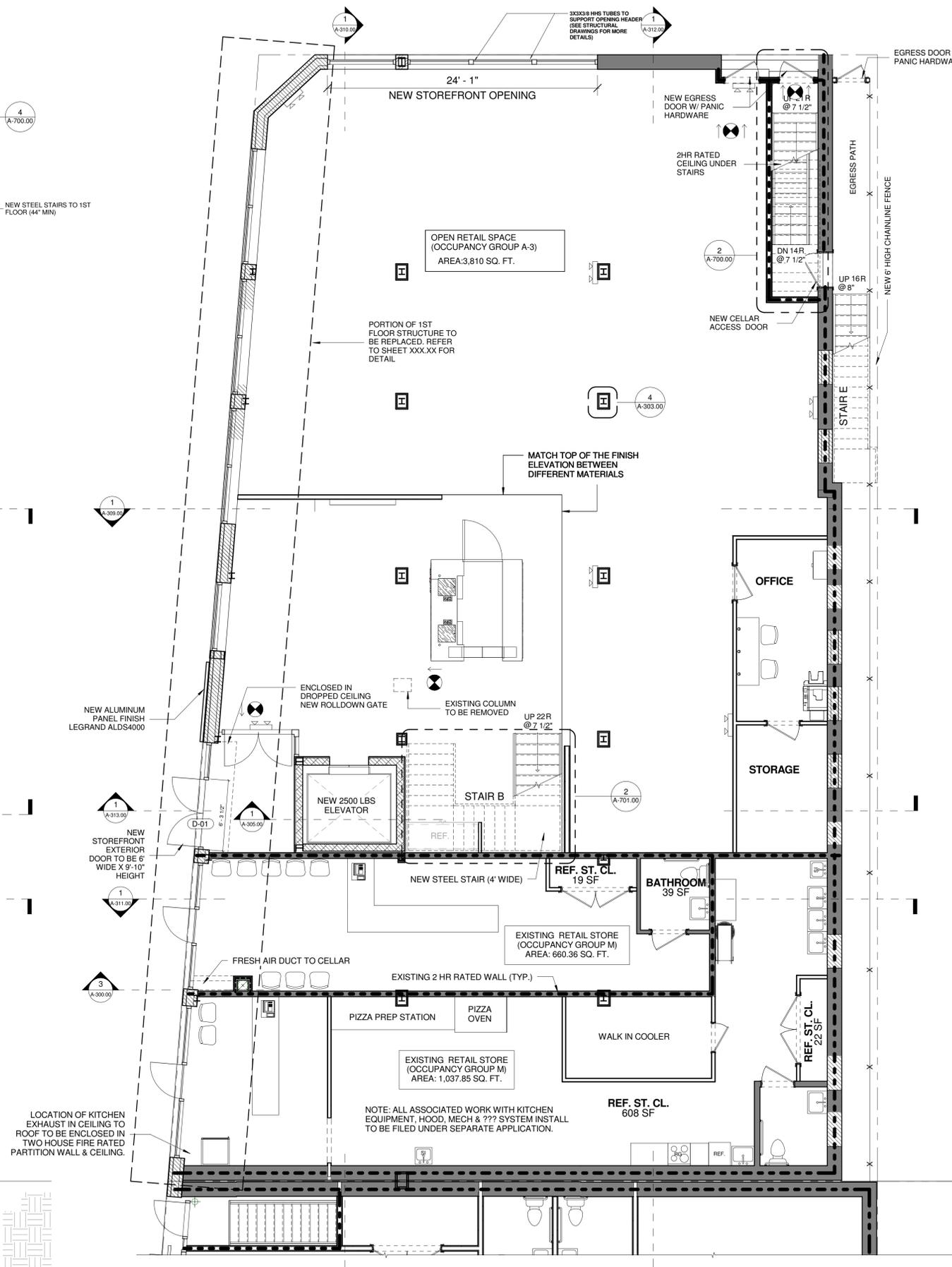


Appendix 7

PRELIMINARY PLANS AND SPECIFICATIONS FOR VAPOR BARRIER/WATERPROOFING MEMBRANE AND SUB-SLAB DEPRESSURIZATION SYSTEM



1 Cellar Floor Plan - Lot 96
3/16" = 1'-0"



2 Ground Floor Plan @ Lot 96
3/16" = 1'-0"

Revision No.	Date	Remarks

- LEGEND**
- 2HR FIRE WALL
 - █ EXISTING EXTERIOR WALLS (SEE SHEET A-603.00 FOR DETAIL)
 - ACOUSTICAL CEILING TILE
 - FLOURESCENT @ PUBLIC AREAS
 - RECESSED LIGHT FIXTURE
 - ▨ NEW EXTERIOR WALLS (SEE SHEET A-603.00 FOR DETAIL)
 - ▨ NEW INTERIOR WALLS (SEE SHEET A-603.00 FOR DETAIL)
 - ⚡ EMERGENCY LIGHTS (EM-NYC)
 - ⚡ EMERGENCY LIGHTS (EM-NYC) WET LOCATIONS
 - ⚡ EXIT SIGN
 - ⚡ EXIT SIGN WET LOCATIONS

SPRINKLERS FILED UNER SEPARATE APPLICATION

Client **blink FITNESS** 3560-84 White Plains Rd. Bronx, NY
 DOB APPLICATION NO. 220324192

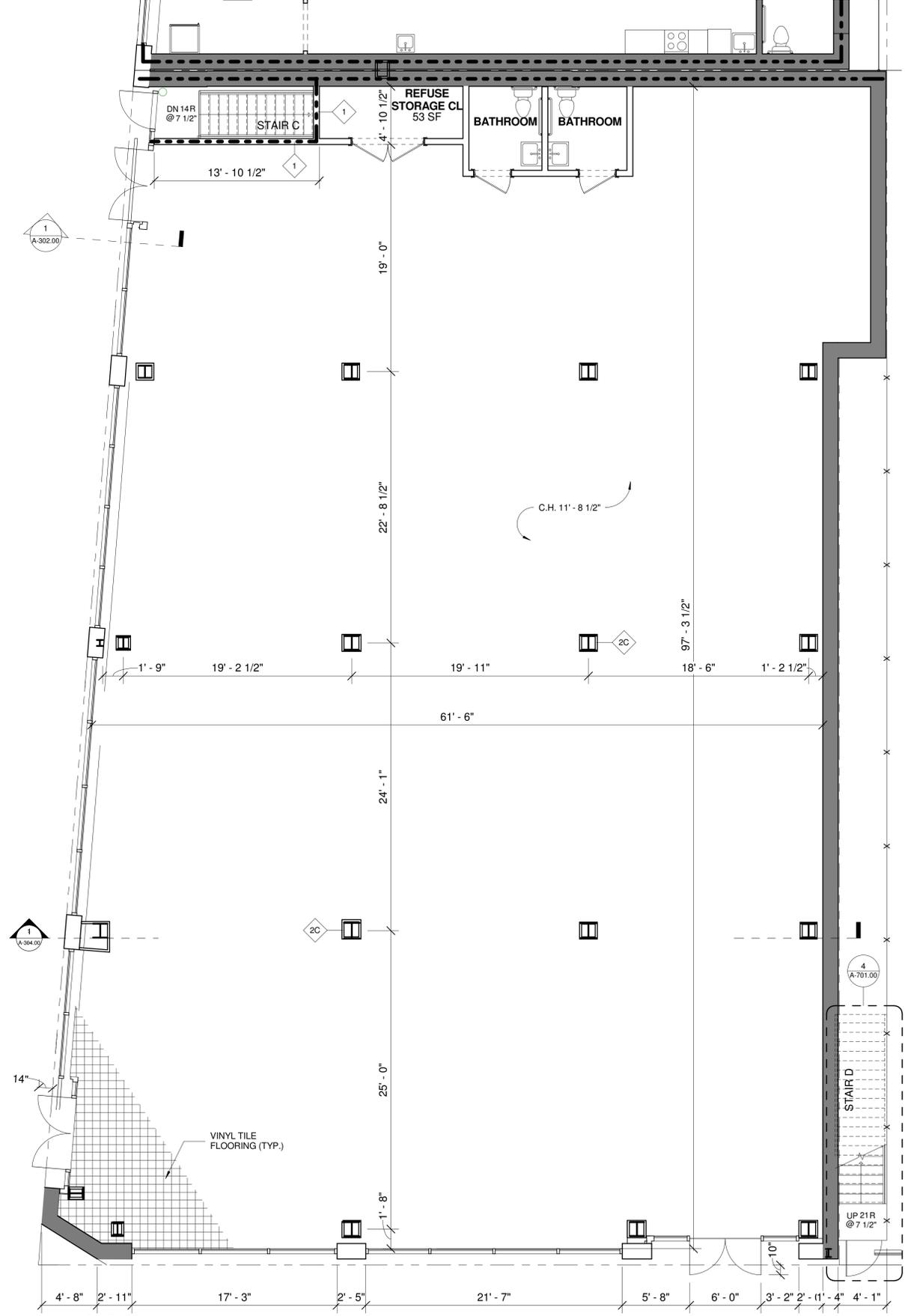
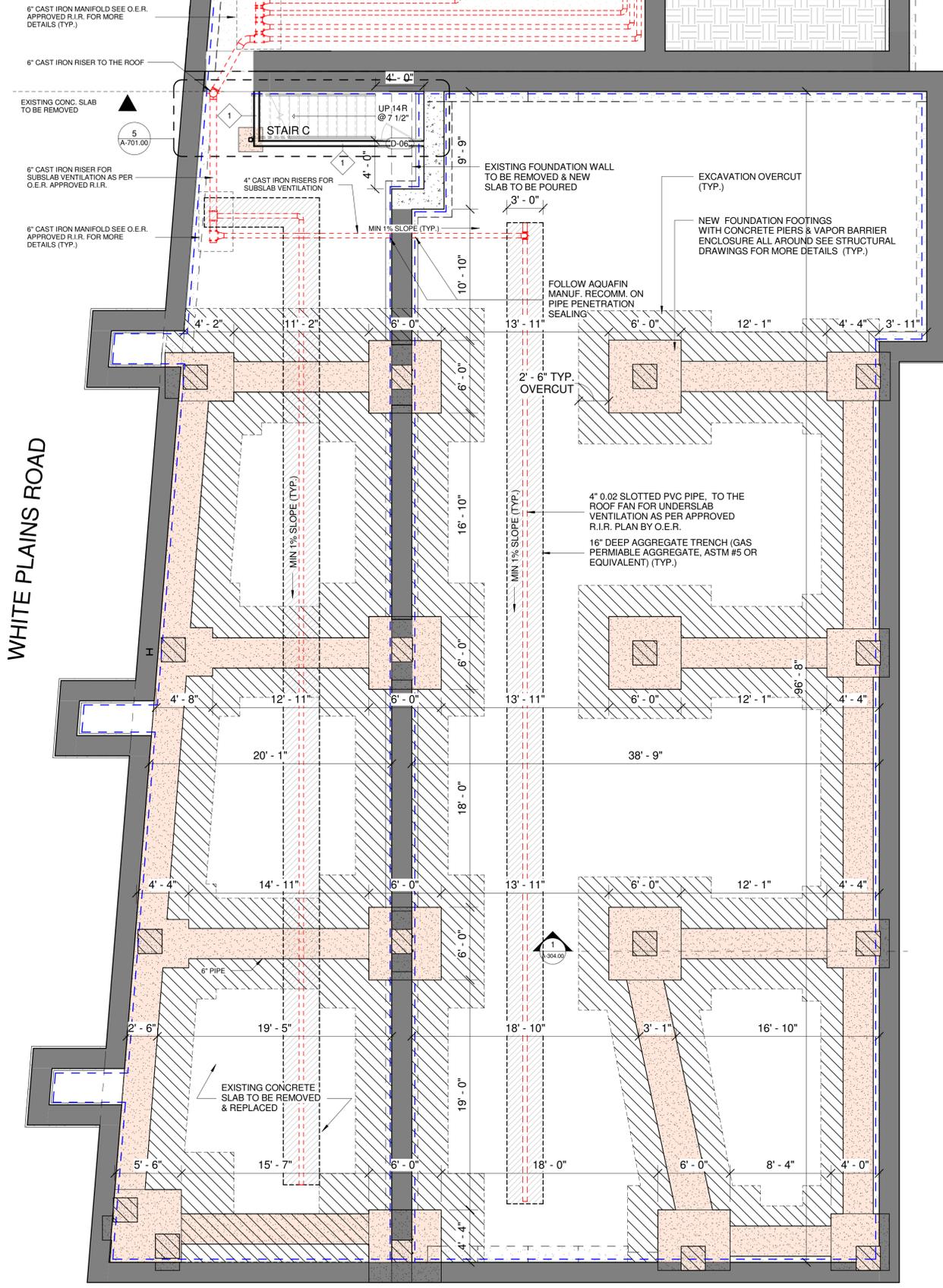
DOB SCAN CODE STICKER

Phone (212) 370-9791
 Fax (212) 370-4276
 orleskar@hotmail.com
ORLI ESHKAR ARCHITECTURAL SERVICES PLLC
 60 Sutton Place South (5c) New York, NY 10022
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 Drawing scales as indicated are for reference only and are not intended to accurately depict actual or designed conditions. Written dimensions shall govern.

Project: 3560 - 3578 WHITE PLAINS ROAD, BRONX NY 10467

Title: CELLAR & GROUND FLOOR PLAN @ LOT 96

DWG # **A-100.00**
 Signature: _____ Date: 09/10/13
 Scale: 3/16" = 1'-0"
 Drawn: YM
 Job #: 31252
 Checked: OE



① -O.E.R. CELLAR PLAN
3/16" = 1'-0"

EAST 212TH STREET

② Ground Floor Plan @ Lot 94
3/16" = 1'-0"

Revision No.	Date	Remarks

- LEGEND**
- 2HR FIRE WALL
 - █ EXISTING EXTERIOR WALLS (SEE SHEET A-603.00 FOR DETAIL)
 - ▣ ACOUSTICAL CEILING TILE
 - FLOURESCENT @ PUBLIC AREAS
 - RECESSED LIGHT FIXTURE
 - ▨ NEW EXTERIOR WALLS (SEE SHEET A-603.00 FOR DETAIL)
 - ▭ NEW INTERIOR WALLS (SEE SHEET A-603.00 FOR DETAIL)
 - ⊠ EMERGENCY LIGHTS (EM-NYC)
 - ⊞ EMERGENCY LIGHTS (EM-NYC) WET LOCATIONS
 - ⊞ EXIT SIGN
 - ⊞ EXIT SIGN WET LOCATIONS

SPRINKLERS FILED UNER SEPARATE APPLICATION

Client **blink FITNESS** 3560-84 White Plains Rd. Bronx, NY
 DOB APPLICATION NO. 220324192

DOB SCAN CODE STICKER

Phone (212) 370-9791
 Fax (212) 370-4276
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 New York, NY 10022

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Drawing scales as indicated are for reference only and are not intended to accurately depict actual or designed conditions. Written dimensions shall govern.

Project: 3560 - 3578 WHITE PLAINS ROAD, BRONX NY 10467

Title: 3560 WHITE PLAINS RD - CELLAR & GROUND FLOOR PLAN @ LOT 94

DWG # **A-109.00**

Signature: _____ Date: 09/10/13
 Scale: 3/16" = 1'-0"
 Drawn: YM
 Job #: 31252
 Checked: OE

