DRAFT PHASE I ENVIRONMENTAL SITE ASSESSMENT

Charleston Mixed-Use Development Site
Staten Island, New York

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EXECUTIVE SUMMARY

Environmental Planning & Management, Inc. (EPM), on behalf of AECOM and the New York City Economic Development Corporation (NYCEDC), has performed a Phase I Environmental Site Assessment (ESA) for the proposed Charleston Mixed-Use Development Site, located in Staten Island (Richmond County), New York (the project site). Refer to Figure 1 – Project Site Location and Figure 2 – Aerial View. This ESA was conducted in general accordance with American Society for Testing and Materials (ASTM) Standard E1527-05 for the purpose of evaluating the project site's compliance with applicable federal, state and local environmental regulations, and to identify any potential environmental concerns that may require further investigation or mitigation.

The proposed project involves development of an approximate 58-acre city-owned property referred to as the Charleston Mixed-Use Development. Refer to Figure 3 for a preliminary conceptual site development plan. EPM visually inspected the project site on August 13, 2012 for visual indications of the use, storage or release of hazardous materials. The project site was observed to be vacant and primarily vegetated with trees, brush, and grasses. Several cleared areas covered with shorter grasses and horse trails were observed on portions of the site. Although evidence of significant dumping was not observed, minor dumping of general debris and several junk cars were observed on the project site at the time of the inspection.

Sanborn maps dating to 1910 and aerial photography dating to 1943 were reviewed to determine historical development on the project site and vicinity. The Sanborns depict the project site as undeveloped since at least 1910 with exception of three apparent single family residential structures on the southwest corner of the site on the 1937 and 1951 maps. These residential structures are no longer present on the 1983 map. No prior land uses on or in proximity to the project site were identified on the Sanborn Maps with the potential to have adversely impacted the project site with hazardous materials.

The aerial photographs reviewed depict the project site as undeveloped and vegetated since at least 1943 with exception of the residential structures discussed in the previous paragraph. The Bricktown Retail Development first appears adjacent to the southeast of the project site on the 2006 aerial, and the MTA Bus Depot Facility located west of the project site along Arthur Kill Road first appears on the 2011 aerial. The aerials depict evidence of scattered land clearing and cleared trails throughout the site, including a large cleared area on the north central region of the project site. These cleared areas were observed during the 2012 site inspection, and no obvious indication of major dumping was observed in these areas. Based on conversations with local inhabitants and observations during the site inspection, the cleared areas and trails throughout the site are used for riding horses. No prior land uses were identified on the aerial photographs with the potential to have adversely impacted the project site with hazardous materials.

A review of Federal, State and local government environmental records was conducted to identify sites with the known use, storage or release of hazardous materials. One closed-status

New York State Department of Environmental Conservation (NYSDEC) Hazardous Material Spill was reported in the database as occurring along the central north boundary of the project site in May 2004. This spill was reported by a NYC Parks representative upon discovering a suspected oil spill on the ground surface in this area. Upon further inspection by NYSDEC and Parks, the suspected oil was determined to be water stained by wood chips that had been dumped in this area to improve a horse trail, and this spill case was closed by NYSDEC in June 2004.

Three closed-status Hazardous Material Spills are reported for the residential property at 97 Englewood Avenue, located adjacent to the northwest of the project across Englewood Avenue. The spills were reported by the residence at 97 Englewood Avenue but were attributed to the adjacent trucking company property. Most notable of these three spills was the reported observance by the inhabitant at 97 Englewood Avenue in 1994 of oil seeping through a retaining wall located between their property and the adjacent property. The impacted soil was reportedly removed and the spill case closed by NYSDEC in April 1997. As discussed below, a Phase II sampling investigation was performed on the project site in 2002 to investigate possible impacts from the closed spills reported at 97 Englewood Avenue. No impacts to the project site were reportedly discovered during the Phase II investigation and the closed spills at 97 Englewood Avenue are therefore not expected to impact the project site.

EPM was provided with the following previous environmental investigations for the project site:

- *Charleston Retail Project Site: Phase I Environmental Site Assessment, AKRF, Inc., February, 2000.* This Phase I ESA investigated an area which included the project site and the areas to the southeast now occupied by the Bricktown Retail Center. AKRF noted the presence of abandoned automobiles, empty motor vehicle fluid containers, automotive fuel tanks, and five-gallon buckets of paint on the project site. The AKRF report also summarized a 1990 Phase I ESA conducted by Vollmuth and Brush which noted that 20 automobile batteries and a 55-gallon drum with unknown contents were observed on the site's southwestern corner, and Vollmuth and Brush observed oil staining on the ground surface in the area.

- *Final Environmental Impact Statement (FEIS) for the Bricktown Centre at Charleston, AKRF, Inc., May, 2002.* Included in this FEIS is a description of a Phase II soil sampling investigation conducted at the project site in April 2002, which reportedly included soil sampling in the vicinity of the three closed petroleum spills at 97 Englewood Avenue and within the area observed with surface oil staining by Vollmuth and Brush noted above. As reported in the FEIS, this sampling did not identify impacts to the project site in these areas, and it was concluded that no adverse impacts of hazardous materials occurred at the project site.

- *Phase I Environmental Site Assessment: Charleston Site A, Staten Island, New York, Carpenter Environmental Associates (CEA), Inc., November 11, 2011.* The study area for this ESA was an approximate 10-acre parcel located within the east central region of the project site. This area was reported to be heavily vegetated and undeveloped at the

time of the site inspection in October 2011. The CEA ESA did not identify any evidence of recognized environmental conditions on the study site.

EPM has completed a Phase I ESA for the approximate 58-acre property located in Staten Island, NY that is proposed for the Charleston Mixed-Use Development. This assessment has revealed no evidence of potential environmental concerns in connection with the project site and further investigation does not appear warranted.

It is recommended that the junk vehicles and general debris be removed from the project site and properly disposed. Construction of the proposed development would require excavation of soil and possible dewatering of excavations in some locations. The preparation of a Construction Health and Safety Plan is recommended that includes contingency procedures in the unlikely event that hazardous materials are encountered during construction.

SECTION 1

1.0 INTRODUCTION

Environmental Planning & Management, Inc. (EPM), on behalf of AECOM and the New York City Economic Development Corporation (NYCEDC), has performed a Phase I Environmental Site Assessment (ESA) for the proposed Charleston Mixed-Use Development Site, located in Charleston, Staten Island (Richmond County), New York (the project site). Refer to Figure 1 – project Site Location and Figure 2 – Aerial View.

The proposed project involves the development of an approximate 58-acre city-owned property referred to as the Charleston Mixed-Use Development. The overall Charlestown Site is divided into five smaller sites for development proposed as follows:

1. Parkland: The NYC Department of Parks and Recreation would develop a 22-acre park site with areas for both active and passive recreation.
2. Retail site "A": A private developer has been selected to develop this 10-acre site with retail uses. This site will also include a public library branch.
3. Retail site "B": This site consists of approximately 10 acres and will be privately developed as retail in the future.
4. Housing: The NYC Department of Housing Preservation and Development would offer this 9-acre site for senior housing.
5. Public School: The NYC School Construction Authority would construct a combined elementary/middle school on the approximately 7-acre site.

Refer to Figure 3 for a preliminary concept site plan.

1.1 Purpose

The purpose of this ESA was to evaluate the project site's compliance with applicable federal, state and local environmental regulations, and to identify any potential environmental concerns that may require further investigation or mitigation. This Phase I ESA was conducted in general accordance with American Society for Testing and Materials (ASTM) Standard E1527-05, and consisted of the following activities:

- A visual inspection of the property to identify obvious signs of potential environmental concern such as the current/past presence of underground/aboveground storage tanks, on-site hazardous material storage or disposal practices, polychlorinated biphenyl (PCB)-containing transformers or capacitors, and any other obvious signs of use, storage, or disposal of hazardous/toxic materials;

- The identification of the current and/or past presence of potential waste disposal structures such as septic systems, dry wells, and groundwater wells;

- An assessment of possible adverse environmental conditions associated with current and/or past uses of the project site;

- An attempt to review historical development and land use for at least the past 50 years in the vicinity of the project site and an assessment of any possible adverse environmental conditions which may have resulted;

- A request for and review of available federal, state, and local agency records for the purpose of identifying any history of hazardous waste activity or environmental concerns on or in close proximity to the project site;

- A literature review of the geology and groundwater conditions in the area of the project site.

- Personal interviews with property management personnel if applicable to inquire about the use, storage or disposal of hazardous materials.

1.2 Limiting Conditions

The results of this audit and the contents of this report are subject to revision based on future events and/or investigations. EPM assumes no responsibility for the property owner's actions related to the following:

- Violation of any federal, state or local statute or ordinance relating to identification or disposal of a hazardous substance or its constituents;

- Undertaking of, or arrangement for the handling, removal, treatment, storage, transportation, or disposal of hazardous substances or constituents found or identified, and;

- Changed conditions or hazardous substances or constituents introduced at the properties by Client or third persons to this contract during or after the completion of services provided by this report.

SECTION 2

2.0 SITE ASSESSMENT

2.1 Site Description

2.1.1 General Site Description

The project site is situated within the Charleston section of Staten Island, New York. The site is generally bounded to the north by Englewood Avenue and Clay Pit Ponds State Park Preserve, to the south by Veterans Road West, to the west by Arthur Kill Road, and to the east by the shopping center known as the Bricktown Retail Center ("Bricktown Center") and a nature conservation area.

The project site was vacant and mostly heavily vegetated with trees, brush, and grasses at the time of August 2012 site inspection. Several cleared areas covered with shorter grasses and recreational hiking / horse trails were observed on portions of the site. Although evidence of significant dumping was not observed, minor dumping of general debris and three junked cars were observed.

Refer to **Appendix A** for photographs of the project site and adjacent properties taken during the site inspection.

2.1.2 Adjacent and Nearby Properties

Development surrounding the project site consists primarily of retail, residential, and commercial uses, with a wooded conservation area and NYC Park located to the northeast of the project site. The uses of the adjoining properties are described below and are depicted on Figure 2.

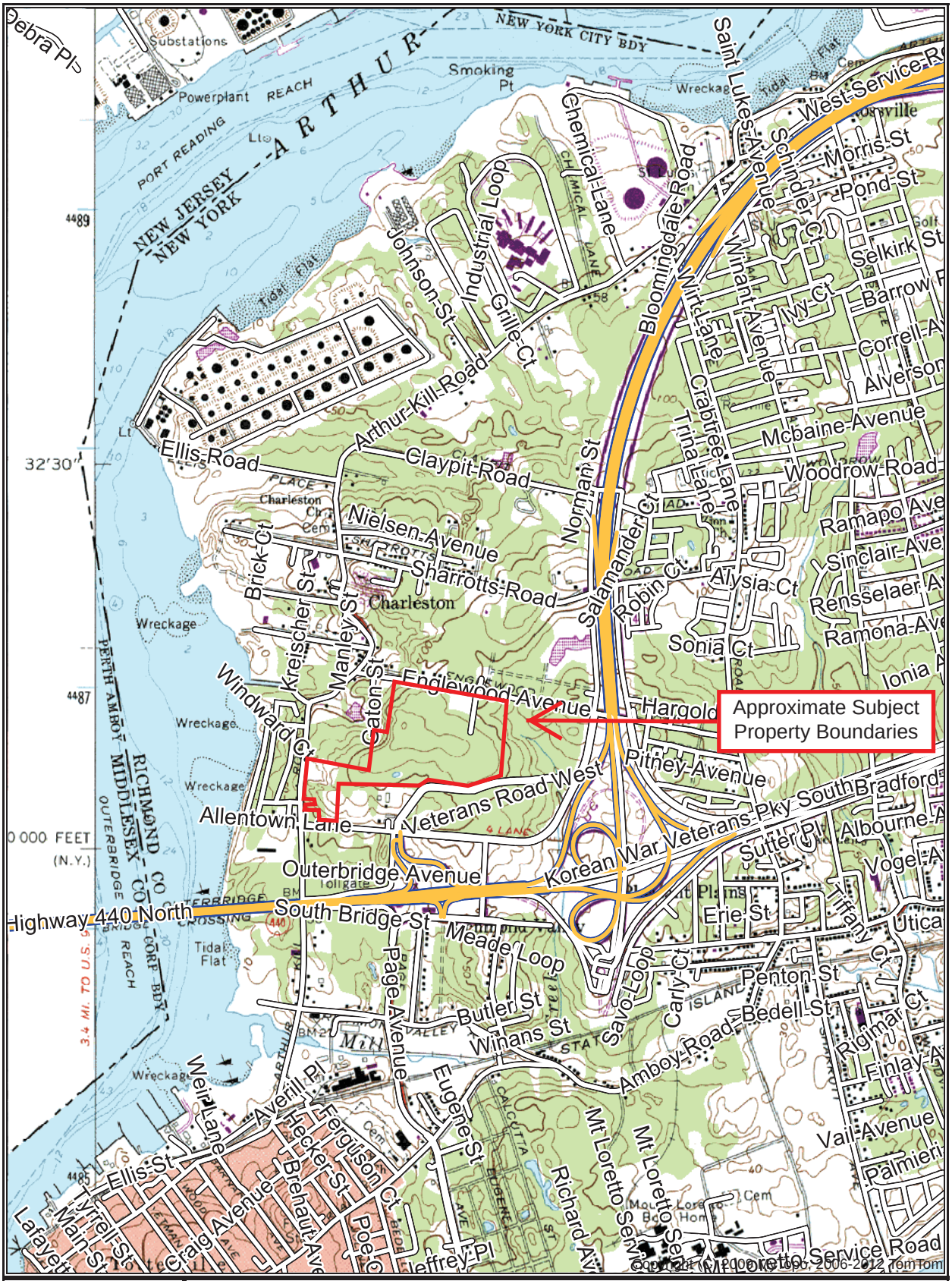
Northwest: Residential and light commercial development along Englewood Avenue;

North/Northeast: Clay Pit Pond Park, Motel;

East: Conservation Area and Bricktown Retail Center (Home Depot, Bed, Bath & Beyond, Applebee's Restaurant);

South: Bricktown Retail Center (Target), Self-Storage Facility, Car Wash, Contractor Storage Yard; and,

West: Residential, MTA Bus Depot, Gun Club Firing Range, commercial office and warehouse.



Declination

MN GN

GN 0.50° E
MN 12.91° W

Figure 1 - Site Location Map

Map Name: ARTHUR KILL
Horizontal Datum: NAD27
Scale: 1 inch = 2,000 ft.
Map Center: 040° 32' 06.10" N 074° 13'

SCALE 1:24000

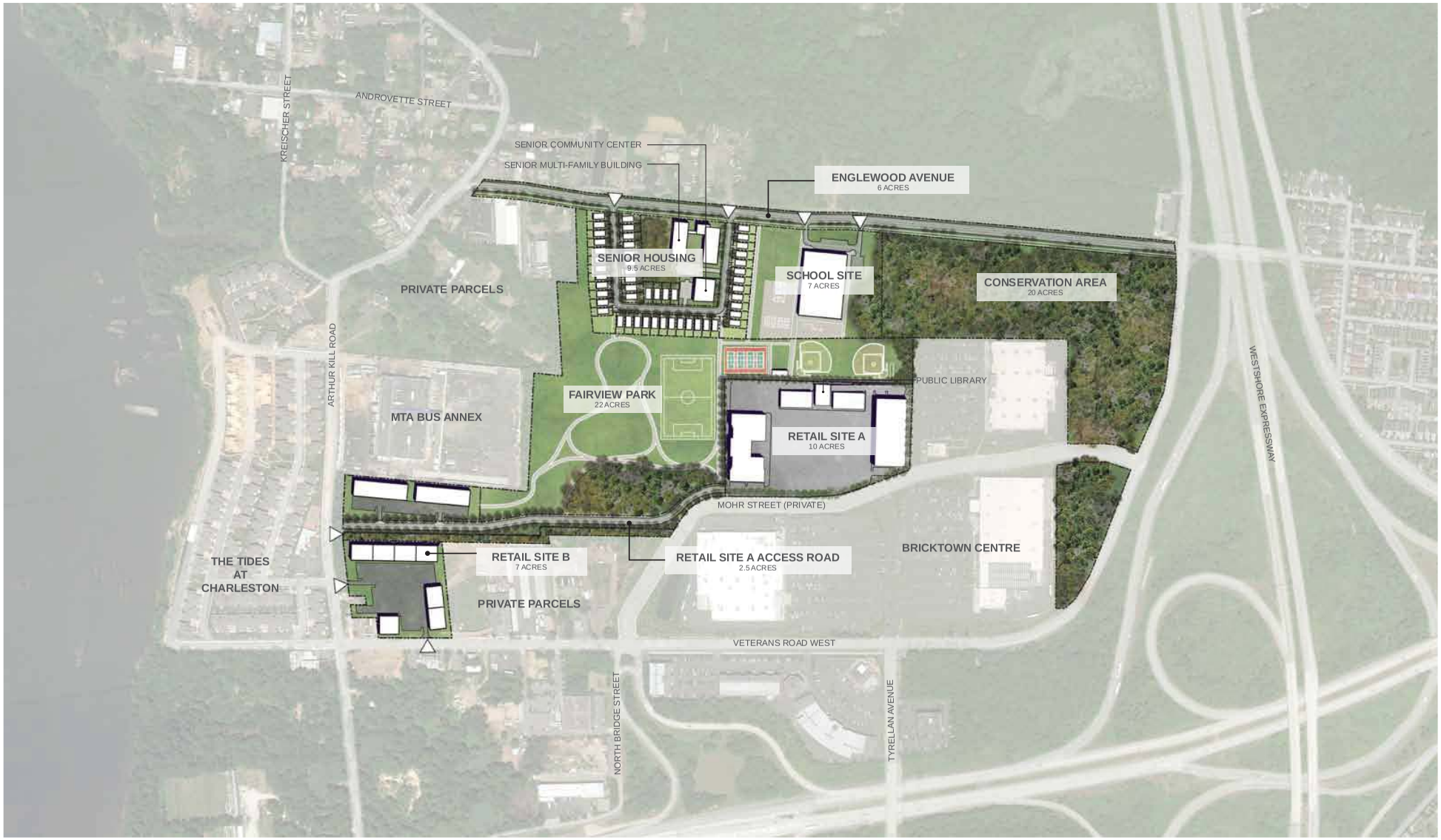
0 1000 2000 3000 4000 5000 6000 7000 8000 9000

FEET

Scale
One Inch = ±440 Feet

FIGURE 2
AERIAL VIEW
CHARLESTON MIXED USE DEVELOPMENT SITE
STATEN ISLAND, NEW YORK

NYCEDC
New York City Economic Development Corp.
AECOM
EPM ENVIRONMENTAL PLANNING & MANAGEMENT, INC.



AECOM

N

Charleston Mixed-Use Development

Figure 3

Preliminary Site Concept

2.2 Site Inspection

2.2.1 Water Supply and Wastewater Disposal

Water and wastewater services were not observed at the project site. It is assumed the surrounding vicinity is serviced by the municipality.

2.2.2 Hazardous Substance and/or Petroleum Product Use or Storage

No evidence of the use or storage of hazardous materials or petroleum products was observed on the project site during the site visit.

2.2.3 Underground/Aboveground Storage Tanks (USTs/ASTs)

No evidence of any previous or current USTs or ASTs was observed on the project site during the site visit.

2.2.4 Hazardous Waste Disposal Practices

No evidence of hazardous waste disposal was observed on the project site.

2.2.5 Non-hazardous Waste Disposal Practices

Minor dumping of general household debris was observed at isolated locations across the project site, but no signs of significant dumping were observed. Three junked vehicles were observed within the west central area of the site, which consisted primarily of the rusted metal frames and engine parts. Several discarded rubber tires were observed along the proposed Englewood Avenue at the northeast corner of the project site.

2.2.6 Impoundments and Other Land Uses

A rip-rap lined drainage swale is located on the south-central region of the project site, which was not receiving any visible drainage at the time of the site inspection. There were no other impoundments or land uses identified other than those mentioned herein.

2.2.7 Asbestos Containing Materials (ACM)

There are no structures on the project site; therefore an asbestos survey was not included in the scope of services for this ESA. There was no visual evidence of significant dumping of potential ACM construction debris.

2.2.8 Polychlorinated Biphenyls (PCBs)

Electric transformers, fluorescent light ballasts, and hydraulic elevator systems may contain PCBs. EPM did not observe any such indications of potential PCB-containing equipment on the project site.

2.2.9 Lead-Based Paint (LBP)

Lead-based paint was commonly used for corrosion protection in the 1960s, and in prime, intermediate, and finish coats well into the 1970s. Regulations specifically addressing lead-based paint include Housing and Urban Development (HUD) (1995) guidelines and the Consumer Product Safety Act (1977). No potential lead painted structures were observed on the project site with the possible exception of the two painted metal gates at each end of the proposed Englewood Avenue.

2.3 Site History

2.3.1 Interviews

EPM conducted discussions with three local residents during the site inspection that were using the project site for horseback riding and dog walking at the time. The individuals all indicated that to the best of their knowledge the site has always been vacant and is used by locals primarily for horseback riding. The individuals indicated that the trails are unofficially maintained by a local group of horse owners.

2.3.2 Historical Fire Insurance Maps

Prior land use in the vicinity of the project site was ascertained through a review of available Sanborn Fire Insurance Maps for 1910, 1917, 1937, 1951, 1983, and 1990. A summary of historical land use as depicted on the Sanborn Maps is provided below. Copies of the Sanborn Maps are provided as **Appendix B**.

1910

Map coverage was available only for properties approximately 500 feet west of the project site's northwestern corner. This area was depicted as vacant land and residential development.

1917

Map coverage was available only for the northwest adjacent property, which was depicted as undeveloped land and residential structures, notably the Peter Androvette Estate.

1937

Map coverage was available only for a portion of the project site's southwestern corner and west adjacent properties. The southwestern portion of the project site was depicted as occupied by undeveloped land, residential structures, and Beckman Road. West adjacent properties were similarly developed.

1951

Map coverage was available only for a portion of the project site's southwestern corner and west adjacent properties. No significant changes from the 1937 fire insurance map were observed.

1983

Map coverage was available only for portions of the project site's western half and west and north adjacent properties. Residential structures no longer appeared on the portion of the project site's southwestern corner. The northwestern corner of the project site was developed with several roads and vacant lots. North adjacent properties included residential structures, horse stables, and a horse corral. An automotive junkyard was depicted approximately 150 feet north of the project site's northwestern corner. No other significant changes from the 1951 fire insurance map were observed.

1990

A north adjacent lot was depicted as used for bus parking. Properties adjacent to the project site's southwestern corner were depicted as a series of contractor storage yards. An automotive repair facility was depicted approximately 430 feet south of the project site's central southern border. No other significant changes from 1983 fire insurance maps were observed.

In summary, the Sanborn Maps reviewed depict the project site as undeveloped since at least 1910 with the exception of two to three residential structures located on the southwestern most corner of the project site near the intersection of Veterans Road West and Arthur Kill Road on the 1937 and 1951 maps. These residential structures are no longer present on the 1983 map.

2.3.3 Historical Topographic Maps

Prior land use in the vicinity of the project site was ascertained through a review of available United States Geological Survey (USGS) topographic maps for 1900, 1905, 1943, 1947, 1966, 1969, and 1981. Copies of the topographic maps are provided in **Appendix C**. Observations regarding these topographic maps are presented as follows:

Date: 1900 USGS Quadrangle: Staten Island, New York Scale: 1:62,500

The project site appeared developed with four small structures of an indeterminate nature. The

remainder of the project site appeared undeveloped. Adjacent properties appeared similarly developed.

Date: 1900 USGS Quadrangle: Passaic, New Jersey Scale: 1:250,000

The subject and adjacent properties appeared undeveloped.

Date: 1905 USGS Quadrangle: Passaic, New Jersey Scale: 1:250,000

No significant changes from the 1900 topographic map were observed.

Date: 1943 USGS Quadrangle: Arthur Kill, New York Scale: 1”=2,083’

Three small structures of an indeterminate nature were depicted in the project site’s southwestern corner. The Kreisher & Sons Brick Co. was depicted approximately 1,100 feet west of the project site’s northwestern corner. No other significant changes from the 1905 topographic map were observed.

Date: 1947 USGS Quadrangle: Arthur Kill, New York Scale: 1:25,000

No significant changes from the 1943 topographic map were observed.

Date: 1966 USGS Quadrangle: Arthur Kill, New York Scale: 1:24,000

No structures were depicted within the project site. The property was shaded green to indicate unspecified vegetation with the following exceptions: a square area along Englewood Avenue within the project site’s northeastern corner; a rectangular area along Arthur Kill Road within the project site’s southwestern corner; and a rectangular area along Drum Google Boulevard (identified as of the date of this report as Veterans Road West) within the project site’s southwestern corner. Several rectangular and square structures of indeterminate use were located further east along Drumgoogle Boulevard, south adjacent to the project site. A pond was depicted in a southern central area of the project site, approximately in line with Page Avenue. The Kreisher & Sons Brick Co. facility was no longer depicted. No other significant changes from the 1947 topographic map were observed.

Date: 1969 USGS Quadrangle: Arthur Kill, New York Scale: 1”=2,000’

No significant changes from the 1966 topographic map were observed.

Date: 1981 USGS Quadrangle: Arthur Kill, New York Scale: 1:24,000

No significant changes from the 1969 topographic map were observed.

2.3.4 Historical Aerial Photographs

Prior land use in the vicinity of the project site was ascertained through a review of available aerial photographs for 1943, 1954, 1954, 1963, 1966, 1966, 1972, 1973, 1975, 1984, 1989, 1995, 2006, and 2011. Copies of the aerial photographs are provided as **Appendix D**. Observations regarding these aerial photographs are as follows:

Photo Date: 1943 Scale: 1”=500’

The project site appeared vegetated, with bare patches within the southwestern corner of the property and a central portion along the northern boundary. Several small structures consistent with residential developed were visible north of the project site. Several rectangular structures were visible south adjacent to the project site. The remaining adjacent properties appeared vegetated.

Photo Date: 1954 Scale: 1”=700’

Two structures visually consistent with residences were visible within the project site’s southwestern corner. A long cleared strip of land was visible extending northwest from an area west adjacent to the project site’s western boundary. A structure visually consistent with a residence was located at the northwestern terminus of the cleared strip. No other significant changes from the 1943 aerial photograph were observed.

Photo Date: 1954 Scale: 1”=500’

No significant changes from the 1954 aerial photograph were observed.

Photo Date: 1963 Scale: 1”=500’

Two trails extended from the north into the central northern portion of the project site and converged as they extended southwest. The track terminated within the southwestern corner of the project site. No other significant changes from the 1954 aerial photograph were observed.

Photo Date: 1966 Scale: 1”=700’

The two structures located within the project site’s southwestern corner were no longer visible. No other significant changes from the 1963 aerial photograph were observed.

Photo Date: 1966 Scale: 1”=500’

No significant changes from the 1966 aerial photograph were observed.

Photo Date: 1972 Scale: 1”=750’

No significant changes from the 1966 aerial photograph were observed.

Photo Date: 1973 Scale: 1”=700’

Structures associated with the Colonial Rifle and Pistol Club appeared along the formerly cleared area extending northwest from an area west adjacent to project site’s western boundary. No other significant changes from the 1972 aerial photograph were observed.

Photo Date: 1975 Scale: 1”=750’

A square structure south of the south adjacent rectangular structures was visible. A large number of what appeared to be cars were located immediately north of this structure, an indicator that the structure was potentially an automotive repair facility or junkyard office. A cleared area occupied by several trucks was visible to the east of the facility.

A north adjacent property along Englewood Avenue was developed with several cleared areas and a number of rectangular objects visually consistent with shipping containers.

No other significant changes from the 1973 aerial photograph were observed.

Photo Date: 1984 Scale: 1”=750’

A large number of cars were stored on a rectangular lot approximately 150 feet north of the project site’s northwestern corner.

The south adjacent clearing previously occupied by trucks appeared vegetated and devoid of any stored objects. Several parallel, rectangular structures developed the land north of the south adjacent car storage area.

Two areas west adjacent to the project site’s southwestern corner were occupied with objects visually consistent with trucks and sheds. No other significant changes from the 1975 aerial photograph were observed.

Photo Date: 1989 Scale: 1”=700’

No significant changes from the 1984 aerial photograph were observed.

Photo Date: 1995 Scale: 1”=700’

A cleared area was visible east of the north adjacent horse stables.

Two warehouses and a vacant lot were visible in the area previously occupied by the south adjacent parallel, rectangular structures and automobile storage area. No other significant changes from the 1989 aerial photograph were observed.

Photo Date: 2006 Scale: 1”=700’

A large rectangular warehouse was located north adjacent to the project site's northwestern corner. Several objects visually consistent with trucks were visible in the cleared area east of the north adjacent horse stables.

Three large warehouses and associated asphalt-paved parking lots were located east, southeast, and south of the project site's southeastern corner. Several rectangular warehouses were visible east of the two south adjacent warehouses and vacant lot.

Several warehouses appeared west adjacent to the project site's northwestern corner. No other significant changes from the 1995 aerial photograph were observed.

Photo Date: 2011 Scale: 1"=700'

The Charleston Bus Depot was visible west adjacent to the project site. No other significant changes from the 2006 aerial photograph were observed.

In summary, the aerial photographs reviewed depict the project site as undeveloped and mostly densely vegetated with trees, brush and grasses since at least 1943 with exception of the residential structures formerly located on the southwest corner. The Bricktown Retail Development first appears adjacent to the southeast of the project site on the 2006 aerial, and the MTA Bus Depot Facility located adjacent to the west of the project site along Arthur Kill Road first appears on the 2011 aerial. The aerials depict evidence of scattered land clearing and cleared trails throughout the site. A large cleared area is depicted on the north central region of the site. These cleared areas were observed during the 2012 site inspection, and no obvious indication of major dumping was observed in these areas. Based on conversations with local inhabitants and visual observations during the site inspection, the cleared area on the north central portion of the project site and the trails throughout the site were cleared for riding horses.

2.3.5 Previous Investigation Reports

The results of previous environmental investigations conducted on and in the vicinity of the project site were reviewed. The provided information is summarized below.

- *Charleston Retail Project Site: Phase I Environmental Site Assessment, AKRF, Inc., February, 2000.* This Phase I ESA investigated an area which included the project site as well areas to the southeast now occupied by the Bricktown Retail Center. AKRF noted the presence of abandoned automobiles, empty motor vehicle fluid containers, automotive fuel tanks, and five-gallon buckets of paint on the project site. The AKRF report also summarized a 1990 Phase I ESA conducted by Vollmuth and Brush which noted that 20 automobile batteries and a 55-gallon drum with unknown contents were stored on Block 7494, Lot 95, located at the project site's southwestern corner. In addition, Vollmuth and Brush observed oil staining on the ground surface in the area.

- *Final Environmental Impact Statement (FEIS) for the Bricktown Centre at Charleston, AKRF, Inc., May, 2002.* Included in this FEIS is a description of a Phase II soil sampling investigation conducted at the project site in April 2002, which reportedly included soil sampling on the project site in the vicinity of the three closed petroleum spills at 97 Englewood Avenue and within the area observed with surface oil staining by Vollmuth and Brush noted above. The actual Phase II Investigation Findings Report was not made available for review. As reported in the FEIS, this sampling did not identify impacts to the project site in these areas, and it was concluded that no adverse impacts of hazardous materials occurred at the project site in the areas tested, and that no remedial actions or special precautions would likely be needed during construction.

- *Phase I Environmental Site Assessment: Charleston Site A, Staten Island, New York, Carpenter Environmental Associates (CEA), Inc., November 11, 2011.* The study area for this ESA was an approximate 10-acre parcel located within the east central region of the project site. This area was reported to be heavily vegetated and undeveloped at the time of the site inspection in October 2011. This ESA did not identify any evidence of recognized environmental conditions on the study site.

2.4 Characteristics of the Site Area

2.4.1 Geology and Hydrogeology of Richmond County

The geology of Richmond County is comprised of a layer of unconsolidated material overlying unconsolidated deposits and a complex structure of bedrock. The unconsolidated material is made up of stratified layers of sand, gravel, and clay of Cretaceous, Pleistocene and Holocene deposits. Artificial fill covers areas of Holocene deposits in the western section and areas of Pleistocene deposits in the eastern section of Richmond County. The bedrock consists of igneous, metamorphic and sedimentary rocks (schist, serpentine, diabase, shale, and sandstone) that range from Upper Proterozoic to Lower Jurassic age.

2.4.2 Site Specific Geology and Hydrogeology

Based upon review of the United States Geological Survey (USGS) Topographic Maps of Arthur Kill, NY Quadrangle (dated 1981), the project site and adjacent areas slope generally west towards Arthur Kill. The center of the project site is located at approximately 130 feet above mean sea level (amsl) and the borders of the project site are located at approximately 110 feet amsl, with the exception of the project site's southwestern corner which is located at approximately 50 feet amsl. Groundwater beneath the project site is expected to be located between approximately 30 and 100 feet below ground surface, with the possibility of more shallow perched areas of groundwater to be present. Based on review of the topographic map, regional groundwater in the area of the project site is expected to flow generally west towards Arthur Kill.

2.4.3 Proximity to Ecologically Sensitive Areas

According to the United States Fish and Wildlife Service's National Wetlands Inventory, an approximately 0.09 acre palustrine, permanently flooded wetland (pond) is located within the southern central portion of the project site. A palustrine, forested, saturated wetland was located approximately 250 feet east adjacent to the project site.

In addition, a June 29, 2009 natural resources assessment which covered the project site stated that the project site did not contain any habitat communities listed as rare, special concern, threatened, or endangered. The study noted the presence of 11 State [Rarity] Rank S1, S2, or S3 plant species, some of which were present on the project site (see Section 2.3.5). The New York State special concern Eastern Box Turtle was observed on the project site.

2.4.4 Radon

The New York State Department of Health provides data on average basement radon readings for individual townships and counties. The survey indicates the average reading (in picocuries per liter, pCi/l) for homes tested in Richmond County, NY is 1.44 pCi/l. This level does not exceed the recommended action limit of 4.0 pCi/l.

SECTION 3

3.0 REGULATORY INFORMATION REVIEW

3.1 Regulatory Database Review

The following information was obtained from a computerized environmental database report prepared by Toxics Targeting, Inc., a database services firm. The information contained in the database report was reviewed by EPM and is summarized below. The complete Toxics Targeting report is provided as **Appendix E**.

An assessment of the potential for these sites to adversely impact the project site was prepared by EPM utilizing the following criteria:

- The location of the project site with respect to the spill source, keeping in mind expected groundwater flow patterns, as determined from review of USGS groundwater contour maps;

- The resource impacted (*i.e.*, land, groundwater, surface water, public sewer); and

- The type of contaminant (*i.e.*, solvent, petroleum, or solid waste) and the potential for the material to migrate towards the project site, based upon the relative distance of the source from the project site.

3.1.1 **National Priority List (NPL)**

The National Priority List (NPL) is compiled by the United States Environmental Protection Agency (USEPA) pursuant to CERCLA (the Superfund Act), and includes properties with the highest priority for cleanup pursuant to USEPA's Hazard Ranking System. No NPL sites were identified on the database within a one-mile radius of the project site.

3.1.2 **New York Inactive Hazardous Waste Disposal Sites (IHWDS)**

The IHWDS database comprises a state listing of sites that can pose environmental or public health hazards, requiring investigation or clean-up. The IHWDS database listed the following one facility within one mile of the project site:

- The Nassau Recycling Corp., located approximately 2,700 feet south of the project site at 286 Richmond Valley Road, is listed as a NYS IHWDS as being a former lead refining and copper smelting operation, with these operations resulting in the site being contaminated with heavy metals. Remedial activity is reportedly ongoing at this site.

The Nassau Recycling Corporation site is not likely to have impacted the project site with hazardous materials based on the distance and direction of the site relative to the project site.

3.1.3 **RCRA Corrective Action Activity (CORRACTS)**

This is a listing of facilities with RCRA corrective action activity reported by USEPA. One CORRACTS site was identified on the database within a one-mile radius of the project site:

- The Port Mobil Terminal (bulk oil storage facility), located approximately 4,000 feet northeast of project site at 4101 Arthur Kill Road, is listed as a CORRACTS site as having undergone several investigation and remediation events.

The Port Mobil Terminal is not likely to have impacted the project site with hazardous materials based on the distance and direction of the site relative to the project site.

3.1.4 **Comprehensive Environmental Response, Compensation, and Liability System**

The USEPA maintains a database referred to as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System), which is a compilation of known or suspected, uncontrolled or abandoned, hazardous waste sites which the USEPA has investigated, or is currently investigating, pursuant to CERCLA. No CERCLIS facilities were identified within ½-mile of the project site.

3.1.5 **New York State Brownfield Cleanup Sites**

This is a listing of sites that are abandoned, idled, or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. No Brownfield Cleanup Sites were identified on the database as located within a ½-mile radius of the project site.

3.1.6 **New York Solid Waste Facilities Registry**

These are active and inactive landfills, incinerators, transfer stations, or other solid waste management facilities. Three NY State Solid Waste Facilities were identified on the database as located within a ½-mile radius of the project site:

- John Ippolito Trucking is located southwest adjacent of the project site at the corner of Veterans Road West and Arthur Kill Road and is registered as a construction and demolition (C&D) processing facility which handles dirt, topsoil, and rock.

- Omega Carting, located approximately 1,200 feet northwest of the project site is listed as a large transfer station of demolition waste.

- E. G. Clemente Contracting, located approximately 1,300 feet southwest of the project site is listed as a C&D processing facility for soil, concrete, rock and asphalt.

The above SWFs are not expected to adversely impact the project site due to their distances and directions relative to the project, and the reported handling of only non-hazardous C&D materials.

3.1.7 Hazardous Waste Treatment, Storage or Disposal Facilities

These are sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRIS) as treating, storing or disposing of certain types of hazardous wastes. No Hazardous Waste Treatment, Storage or Disposal Facilities were identified on the database within a ½-mile radius of the project site.

3.1.8 Hazardous Substance Waste Disposal Sites

The Hazardous Substance Waste Disposal Site (HSWD) database is a New York State listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites are not eligible for state clean up funding programs. No HSWD sites were identified within a ½-mile radius of the project site.

3.1.9 New York State Major Oil Storage Facilities (MOSFs) (>400,000 Gallons)

Sites with more than 400,000 gallons of total storage capacity are listed in the MOSF database. No MOSF facilities were identified in the database as located within $^{1}/_{8}$-mile of the project site.

3.1.10 Registered Petroleum Bulk Storage (PBS) Facilities (<400,000 Gallons)

PBS sites in general are not considered a significant concern unless there is a spill associated with the facility, the tanks are located on a property proposed for acquisition, or the tanks are located in the immediate area of proposed excavation. In accordance with ASTM standards, the project site and adjacent properties were examined for the presence of petroleum storage tanks. The following one PBS facility is identified as located within $^{1}/_{8}$-mile of the project site:

Registered Petroleum Bulk Storage Sites Within $^{1}/_{8}$-mile of the project site				
Site	**Dist(ft)/ Dir.**	**Number and Type of Tanks**	**Install Date**	**Tank Status**
Charleston Bus Annex / 4700 Arthur Kill Road	West adjacent	(1) 250-gal diesel fuel oil AST	12/21/2009	In service
		(1) 3,000-gal lube oil UST	11/30/2008	In service
		(1) 3,000-gal unknown content UST	11/30/2008	In service
		(2) 3,000-gal waste/used oil USTs	11/30/2008	In service
		(1) 5,000-gal diesel UST	11/30/2008	In service
		(4) 10,000-gal diesel USTs	11/30/2008	In service
		(1) 25,000-gal # 2 fuel oil UST	11/30/2008	In service
AST = Aboveground Storage Tank / UST = Underground Storage Tank				

The Charleston Bus Annex was associated with one minor closed spill (see Section 3.2.12) that was immediately contained with no reported impacts to surrounding soils. The Charleston Bus Annex site is not expected to adversely impact the project site based on the lack of reported spills at this facility with the noted exception, as well as the facility's hydraulically down gradient location relative to the project site.

3.1.11 **Federal and State RCRA Hazardous Waste Generators**

The USEPA and the NYSDEC maintain a list of those persons or entities that generate hazardous waste as defined and regulated by the Resource Conservation and Recovery Act (RCRA). The USEPA recognizes large quantity generators as facilities that generate more than 1,000 kg (2,200 lbs) of hazardous waste or 1kg (2.2 lbs) of acutely hazardous waste per calendar month. Small quantity generators are defined as facilities that generate between 100 kg (220 lbs) and 1,000 kg per calendar month and accumulate less than 6,000 kg (13,200 lbs) of hazardous waste at any time. Seven hazardous waste generators were identified within a ¼-mile radius of the project site. In accordance with ASTM standards, the project site and adjoining properties were evaluated for hazardous waste activity.

South adjacent Moore Self-Storage was listed as a conditionally exempt small quantity generator which generated 2,103 pounds of ignitable waste in 2005, with no violations listed for this facility.

South adjacent Target Department Store was listed as a small quantity generator which generated a variety of ignitable, corrosive, heavy metal, and volatile organic chemical (VOC) wastes in the years from 2006 through 2012, with no violations listed for this facility.

Southeast adjacent Home Depot was listed as a small quantity generator which generated a variety of ignitable, corrosive, heavy metal, and VOC wastes in the years from 2006 through 2012, with no significant violations reported for this facility.

A to Z Auto Body Inc., located approximately 600 feet northwest of the project site, is listed as a small quantity generator as generating 400 pounds of spent halogenated solvents, VOCs, and ignitable wastes in 2010, 110 gallons of spent halogenated solvents in 2004, and 265 gallons of spent halogenated solvents in 1990. No violations are listed for this facility.

The southwest adjacent John Ippolito Trucking Company and the west adjacent Charleston Bus Annex are listed as hazardous waste generators with no actual waste activity reported.

The above Hazardous Waste Generator Sites are not expected to adversely impact the project site based on their directions relative to the project site and/or the fact that no violations are reported.

3.1.12 **Identified Hazardous Material Spills**

There are 33 documented hazardous material spills located within a 1/2-mile radius of the project site identified on the NYSDEC Hazardous Material Spills database. All of these 33 spills are reported with a "closed" status, indicating they have been investigated and/or remediated to the satisfaction of NYSDEC. Spills which impact surface water, sewers, or air are not likely to result in adverse impacts to the subject property. Spills which impact land have the potential to adversely impact the subject property if they are in close proximity or are large in quantity. Spills which impact groundwater have the potential to adversely impact the subject property if they are in close proximity and are located hydraulically up gradient. Active spills at a distance greater than approximately 1,000 feet are not generally expected to adversely impact the project site. As previously noted, there are no active spills listed within ½-mile of the project site.

One closed-status NYSDEC Hazardous Material Spill was reported in the database as occurring on the central north boundary of the project site in May 2004. The spill was reported by a NYC Parks representative upon discovering a suspected oil spill on the ground surface in this area. Upon further inspection by NYSDEC and Parks, the suspected oil was determined to be water tainted with tannin from wood chips that had been dumped in this area to improve a horse trail, and this spill case was closed by NYSDEC in June 2004.

Three closed-status Hazardous Material Spills are reported for the residential property at 97 Englewood Avenue, located adjacent to the northwest of the project site along the north side of Englewood Avenue. The spills were reported by the residence at 97 Englewood Avenue but were attributed to the adjacent trucking company property. Most notable of these three spills was the reported observance by the inhabitant at 97 Englewood Avenue in 1994 of oil seeping through a retaining wall located between their property and the adjacent trucking company. The impacted soil was reportedly removed and the spill case closed by NYSDEC in April 1997. As discussed in Section 2.3.5 of this report, a Phase II sampling investigation was performed on the northwestern region of the project site in 2002 to investigate possible impacts from the closed spills reported at 97 Englewood Avenue and no adverse impacts to the project site were discovered.

The west adjacent Charleston Bus Depot was associated with a closed spill, dated January 12, 2012. The spill was reported due to the release of approximately 20 gallons of motor oil to the paved parking lot. The release was reportedly cleaned and did not affect onsite drains or soil.

The remaining reported closed spills are not expected to adversely impact the project site based on their distances and/or directions relative to the project site.

3.1.13 **Federal Toxic Release Inventory (TRI) Facilities**

The TRI database is a listing of facilities that are required to report discharges of certain chemicals to air, land, water or treatment facilities. No TRI Facilities were identified on the database within ¼-mile radius of the project site.

3.1.14 **Federal Civil and Administrative Enforcement Docket**

Judiciary cases filed on behalf of the USEPA by the Department of Justice. No Enforcement Dockets were identified on the database within a ¼-mile radius of the project site.

3.1.15 **Permitted Air Discharge Sites**

The Air Discharge Facilities database is a list of permitted air discharges. No Air Discharge Facilities were identified on the database within ¼-mile of the project site.

3.1.16 **NYS Chemical Bulk Storage (CBS) Sites**

As per New York State 6 NYCRR Part 596, for regulated substances listed in 6 NYCRR Part 597, facilities which store regulated substances in aboveground tanks with capacities greater than 185 gallons, or underground tanks of any size, are required to register the chemical storage facility with the NYSDEC. The west adjacent Charleston Bus Annex was identified in the database as the only CBS Site within a ¼-mile radius of the project site. No additional details are provided in the database for this CBS listing.

The listing of the Charleston Bus Annex site on the CBS database is not considered a significant concern to the project site based on this site's down gradient location relative to the project site as well as the fact that no violations are reported.

3.1.17 **Emergency Response Notification System (ERNS)**

This is USEPA's emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. According to ASTM standards, the project site was evaluated relative to ERNS. The project site does not appear on the Federal ERNS list.

3.1.18 **Permitted Toxic Wastewater Discharges**

NYSDEC maintains a list of permitted toxic wastewater discharge facilities. There were no toxic wastewater discharge facilities identified in the database within a ¼-mile radius of the project site.

3.1.19 **1934 NYC Municipal Waste Landfills**

This is a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934. No NYC Municipal Waste Landfill sites were identified within a ½-mile radius of the project site among the databases reviewed.

3.1.20 **NYC Mayor's Office of Environmental Remediation E-Designated Sites**

This is a listing of parcels assigned a special environmental ("E") designation under the City Environmental Quality Review (CEQR) process. E-designation sites have specific protocols that must be followed. No E-designated sites were identified within 1/8-mile of the project site.

3.1.21 **Historic Utility Facilities**

This search identifies any historic New York City Utility Sites (1890's -1940's), which includes power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites located within a 1/8-mile radius of the subject property. No Historic Utility Sites are listed in the database as located within 1/8-mile of the project site.

SECTION 4

4.0 CONCLUSIONS AND RECOMMENDATIONS

EPM has performed a Phase I ESA in general accordance with ASTM Practice E1527-05 for the approximate 58-acre property located in Staten Island, NY that is proposed for the Charleston Mixed Use Development. Any exceptions to or deletions from this practice are described in this report. This assessment has revealed no evidence of potential environmental concerns in connection with the project site and further investigation does not appear warranted.

It is recommended that the junk vehicles and general debris be removed from the project site and properly disposed. Construction of the proposed development would require excavation of soil and possible dewatering of excavations in some locations. In the event that unexpected areas of contamination are encountered during construction, the preparation of a Construction Health and Safety Plan is recommended that includes contingency procedures in the event hazardous materials are encountered.

SECTION 5

5.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Site Inspected By:

Richard Hart, Environmental Scientist

Report Compiled By:

Richard Hart, Environmental Scientist

Senior Reviewed By:

A. Stacey Gogos, President

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

A. Stacey Gogos, President and Senior Environmental Engineer

Project Assignment:	Senior Environmental Engineer VI
Years of Experience:	With This Firm: 20.0 With Other Firms: 4.0
Education:	B.S., Chemical Engineering, Columbia University, 1984;
Active Registration:	NYSDOL - Certified Asbestos Inspector, Hazardous Waste Operations and Emergency Response (HAZWOPER), Confined Space Entry, SSPC-C3/C-5 (Lead Competent Person/Supervisor)

Ms. Gogos has an extensive background in a wide range of environmental project s including NYSDOT Term Agreements, soils and groundwater investigations and assessments, UST management, asbestos investigations/remedial design, environmental audits of industrial facilities, and hazardous materials/waste investigations and remediation. She is responsible for and directs project activities including the design and implementation of soil and groundwater contamination assessments, storage tank management, asbestos inspections and abatement design oversight, environmental audits and compliance with environmental regulations. Ms. Gogos has formerly served as an environmental engineer with the U.S. Environmental Protection Agency, Region II, where she conducted compliance evaluation audits and designed sampling and analysis investigations.

Richard R. Hart, Senior Environmental Scientist

project Assignment:	Sr. Environmental Scientist
Years of Experience:	With This Firm: 10.5 With Other Firms: 9.0
Education:	M.S., Environmental Pollution Control, Penn State University, 1997 B.S., Environmental Resource Management, Penn State University, 1995 A.A., Business Administration, Paul Smith's College, 1984

Mr. Hart is an Environmental Scientist and project Manager with twenty years experience conducting Hazardous Material Screening Investigations (Phase Is), Remedial Investigations, Mitigation Design, and Underground Storage Tank Investigations. For the past six years, Mr. Hart has completed Hazardous Material Investigations and Design for various Federal, NY State, and NY City agencies, with emphasis on Infrastructure Redevelopment such as Highways, Bridges, and Mass Transit Facilities. His experience includes environmental inspection and oversight at public-funded construction project s to monitor contractor compliance with environmental design requirements. He is adept at contractor management issues, contaminated and hazardous waste handling and disposal protocols, preparation of Contaminated Material Handling Plans, Health and Safety Plans, Community and Worker Protection Protocols, and preparation of design specifications and bid estimates for handling and disposal of contaminated soils, marine sediments, and groundwater.

APPENDIX A

Site Photographs

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 1		**Photo No. 2**
Description: View of east terminus of proposed Englewood Avenue at Veterans Road W. View facing west from Veterans Road W. Hotel visible far right.		**Description**: Conditions along proposed Englewood Avenue on the northeast region of the project site. View facing west.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 3		**Photo No. 4**
Description: General conditions within the existing Conservation Area located adjacent to the northeast portion of the project site. View facing south from proposed Englewood Avenue.		**Description**: View of park land (Clay Pit Ponds) located adjacent to the north of the project site. View facing north from proposed Englewood Avenue.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 5		**Photo No. 6**
Description: North-central boundary of the project site along proposed Englewood Avenue. View facing east.		**Description**: View along proposed Englewood Avenue on the north-central region of the project site. View facing west towards Englewood Avenue.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 7		**Photo No. 8**
Description: Eastern terminus of Englewood Avenue. View facing west along Englewood Avenue from the north west corner of the project site.		**Description**: General conditions along Englewood Avenue. View facing west.	

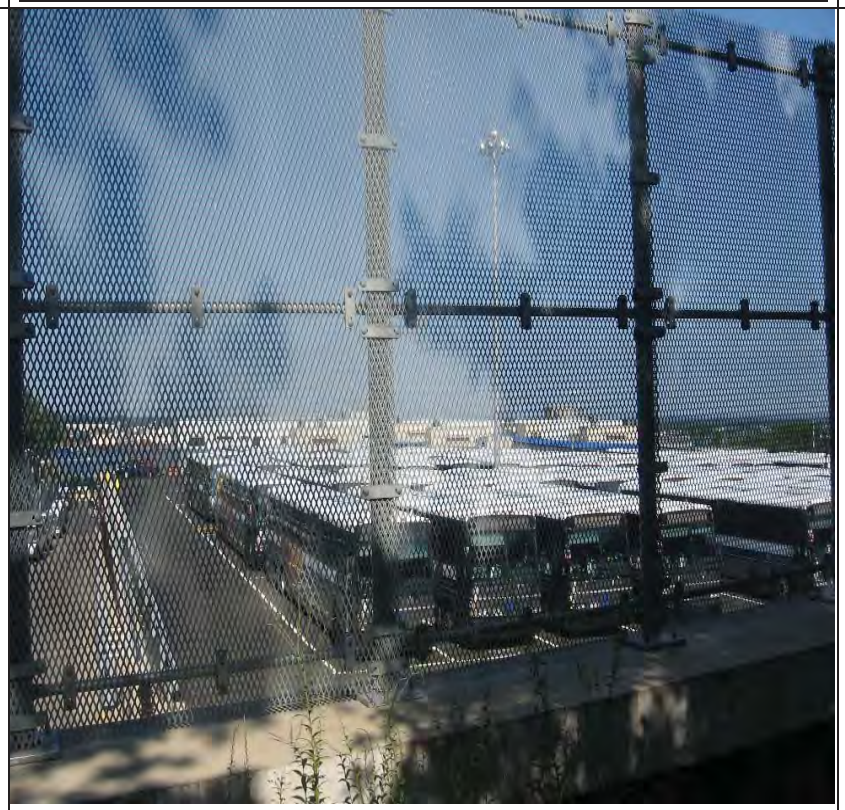
ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 9		**Photo No. 10**
Description: Western terminus of Englewood Avenue at Arthur Kill Road. View facing west from Englewood Avenue towards Arthur Kill Road.		**Description**: View of the north-central cleared region of the project site. Orange fencing appears related to horseback riding.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 11		**Photo No. 12**
Description: General conditions on the south-central region of the project site (foreground). Target Department Store visible background. View facing southeast from the project site.		**Description**: View of self-storage facility and contractor yard located adjacent to the project site to the south along Veterans Road W. View facing southwest from the project site's southern boundary.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
			
	Photo No. 13		**Photo No. 14**
Description: View of the MTA Bus Depot located adjacent to the west of the project site along Arthur Kill Road. Project site visible foreground. View facing northwest from the project site.		**Description**: Buses parked inside the MTA Bus Depot. View facing west towards Arthur Kill Road from the project site.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 15		**Photo No. 16**
Description: General conditions on the west and central regions of the project site.		**Description:** General conditions on the central region of the project site.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 17		**Photo No. 18**
Description: Junk vehicle located on the western region of the project site.		**Description**: General conditions on the northwestern region of the project site.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 19		**Photo No. 20**
Description: General conditions on the south central region of the project site.		**Description**: General conditions along the eastern region of the project site.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 21		**Photo No. 22**
Description: View of the southwestern corner of the project site along Veterans Road W. View facing northwest towards Arthur Kill Road.		**Description**: Central region of the project site showing typical horse trail. View facing north.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

Property Photographs		**LOCATION:** Charleston Development Site, Staten Island, NY **PROJECT No:** 12043 **DATE:** August 13, 2012	
	Photo No. 23		**Photo No. 24**
Description: View of the western boundary of the project site (background) as viewed from the Bed, Bath and Beyond parking lot. View facing west.		**Description**: View of the south boundary of the project site (background) as viewed from the Target parking lot. Target visible far left, view facing north from north side of Veterans Road W.	

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

LOCATION: Charleston Development Site, Staten Island, NY

PROJECT No: 12043

DATE: August 13, 2012

Photo No. 25

Description: View of conditions along Veterans Road W south of the project site. View facing west from north side of Veterans Road W. Target visible far right.

Photo No. 26

Description: View of conditions along Veterans Road W south of the project site. View facing east from north side of Veterans Road W. Target out of view far left.

ENVIRONMENTAL PLANNING & MANAGEMENT, INC.

LOCATION: Charleston Development Site, Staten Island, NY

PROJECT No: 12043

DATE: August 13, 2012

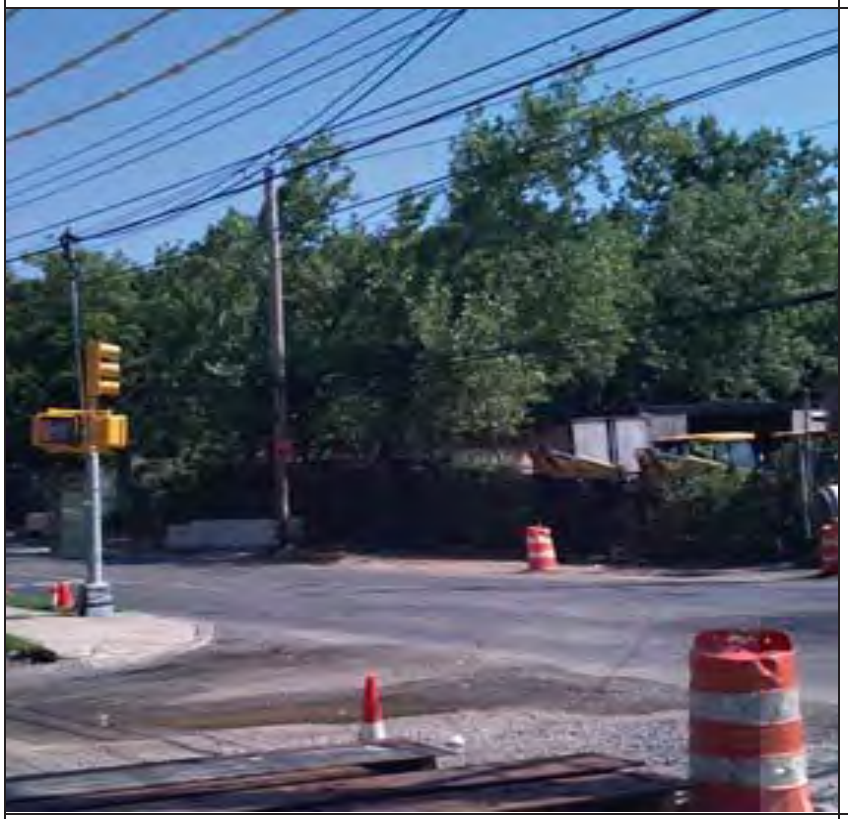


Photo No. 27

Description: View of conditions along Arthur Kill Road adjacent to the southwest corner of the project site. View facing northeast from the southwest corner of the intersection of the Arthur Kill Road and Veterans Road W. Contractor yard shown in photo No. 12 is visible to the right.

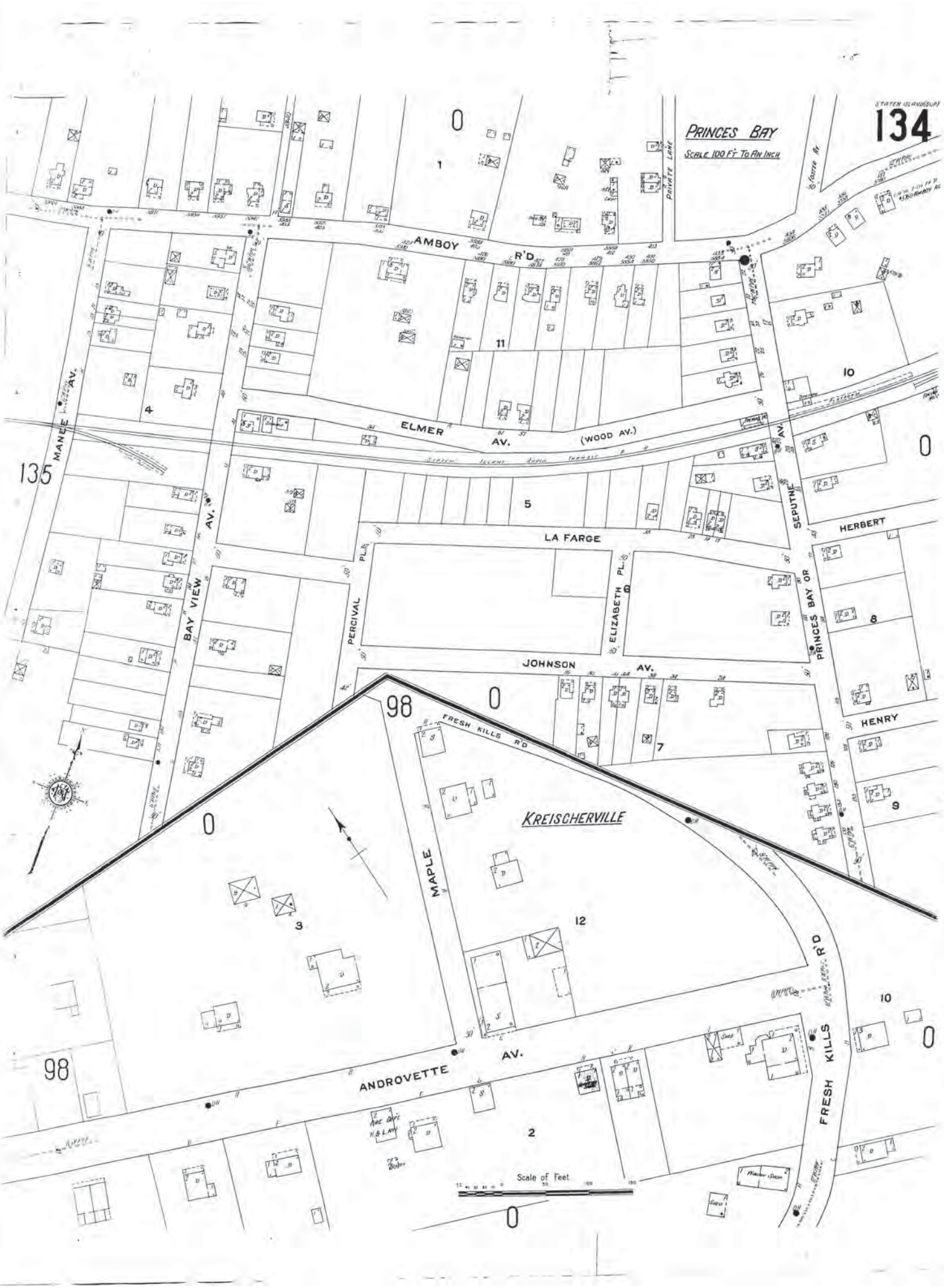
Photo No. 28

Description: MTA Bus Depot located along the east side of Arthur Kill Road and adjacent to the western region of the project site. View facing southeast from the west side of Arthur Kill Road.

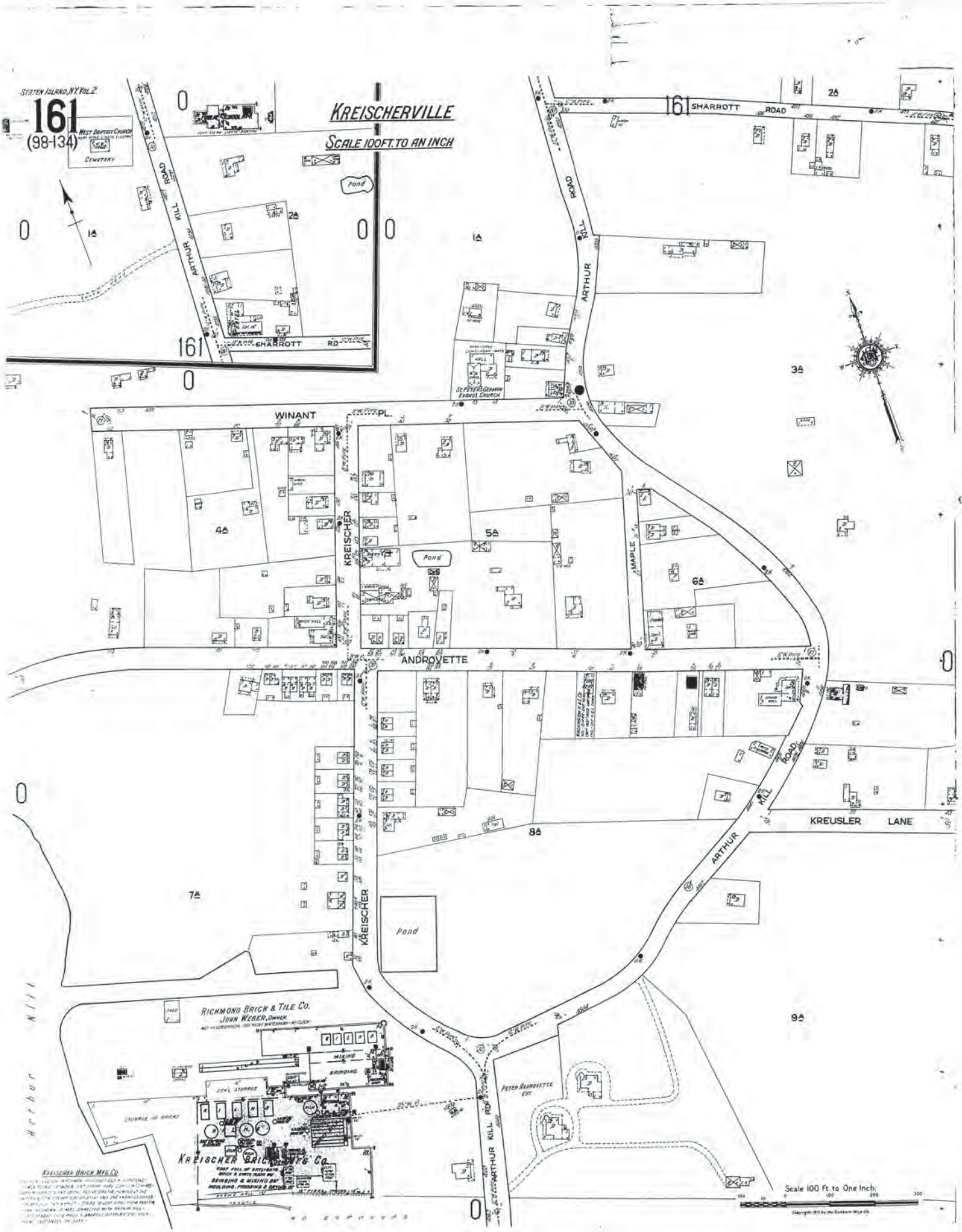
APPENDIX B

Historical Fire Insurance Maps

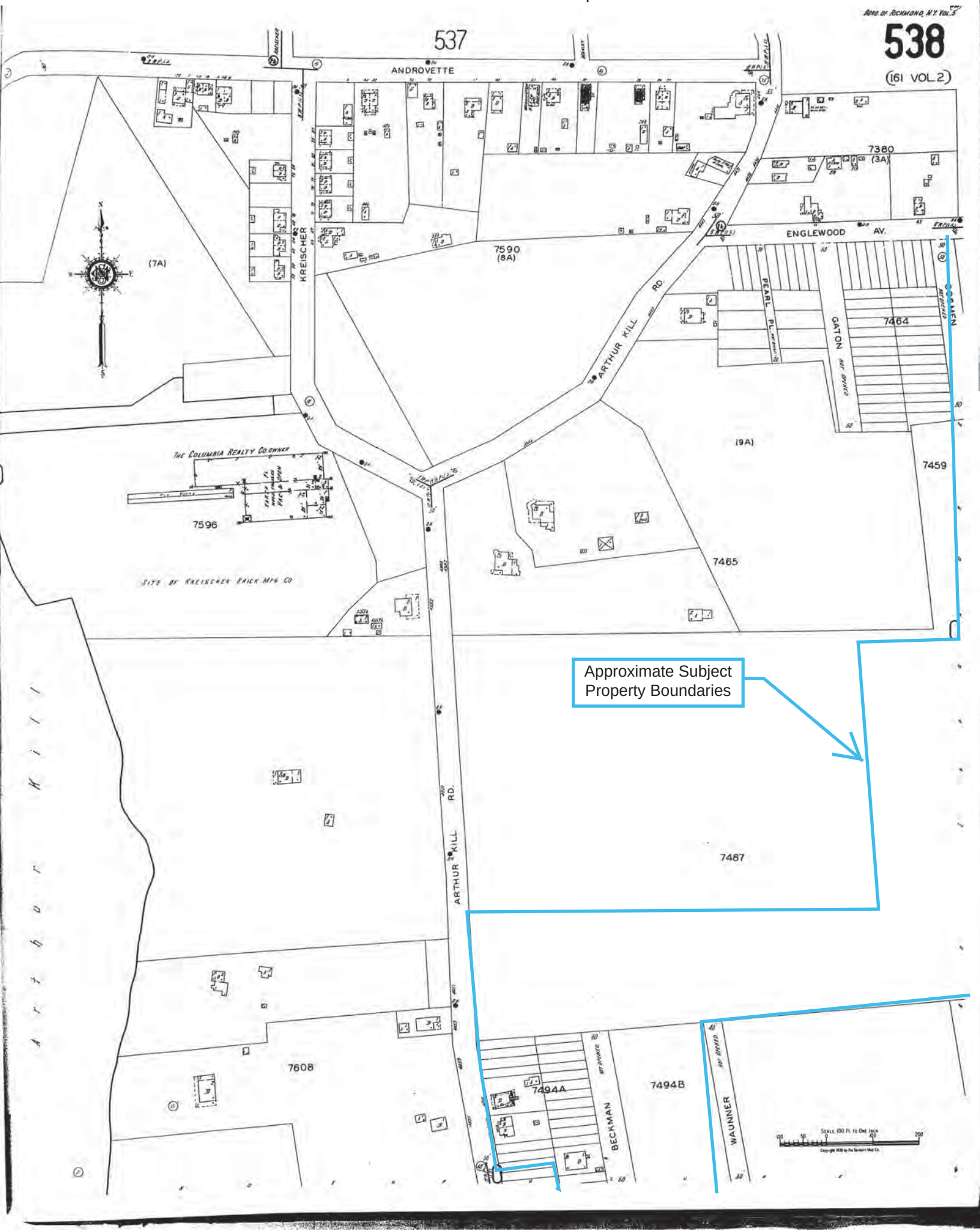
1910 Fire Insurance Map



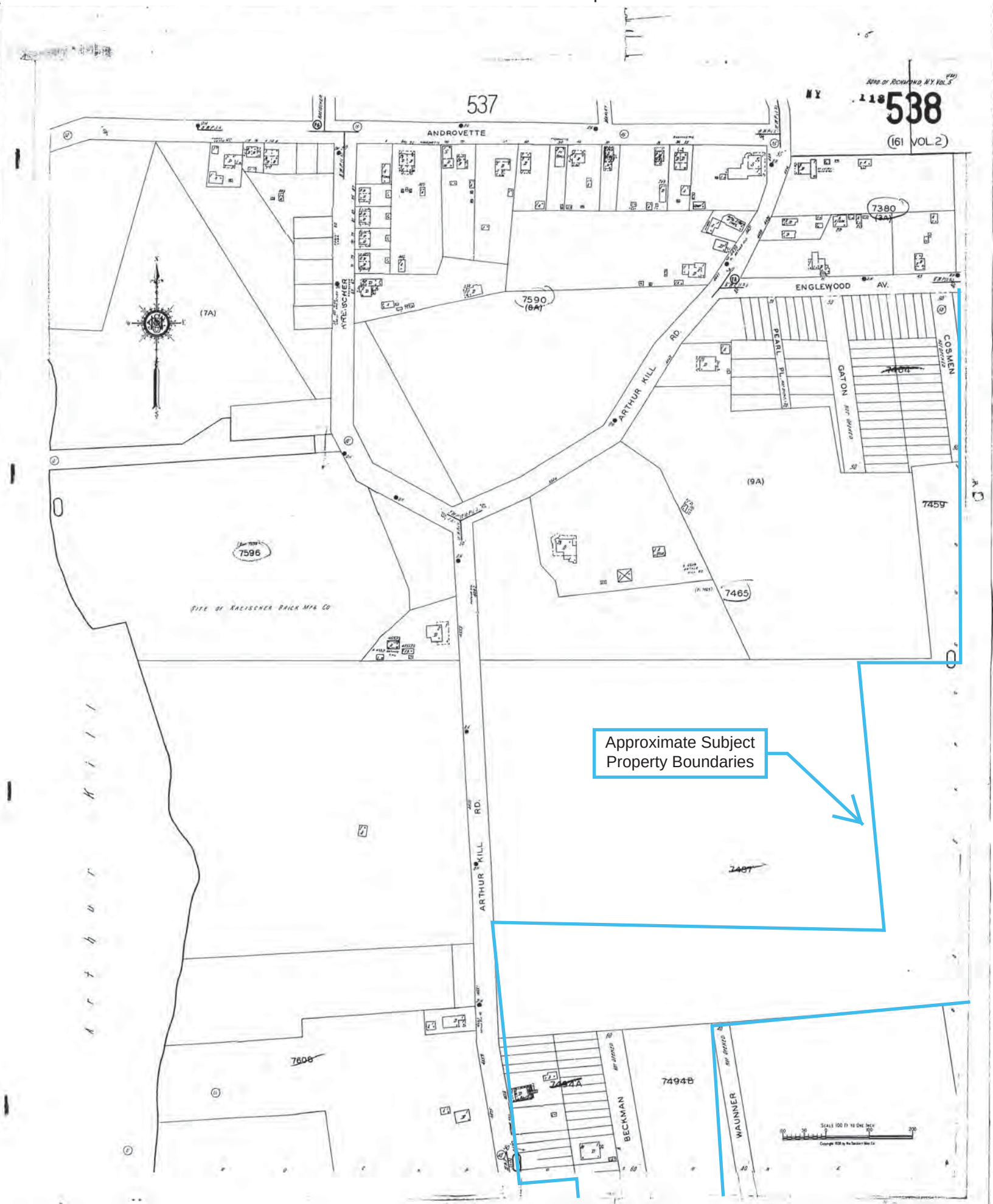
1917 Fire Insurance Map



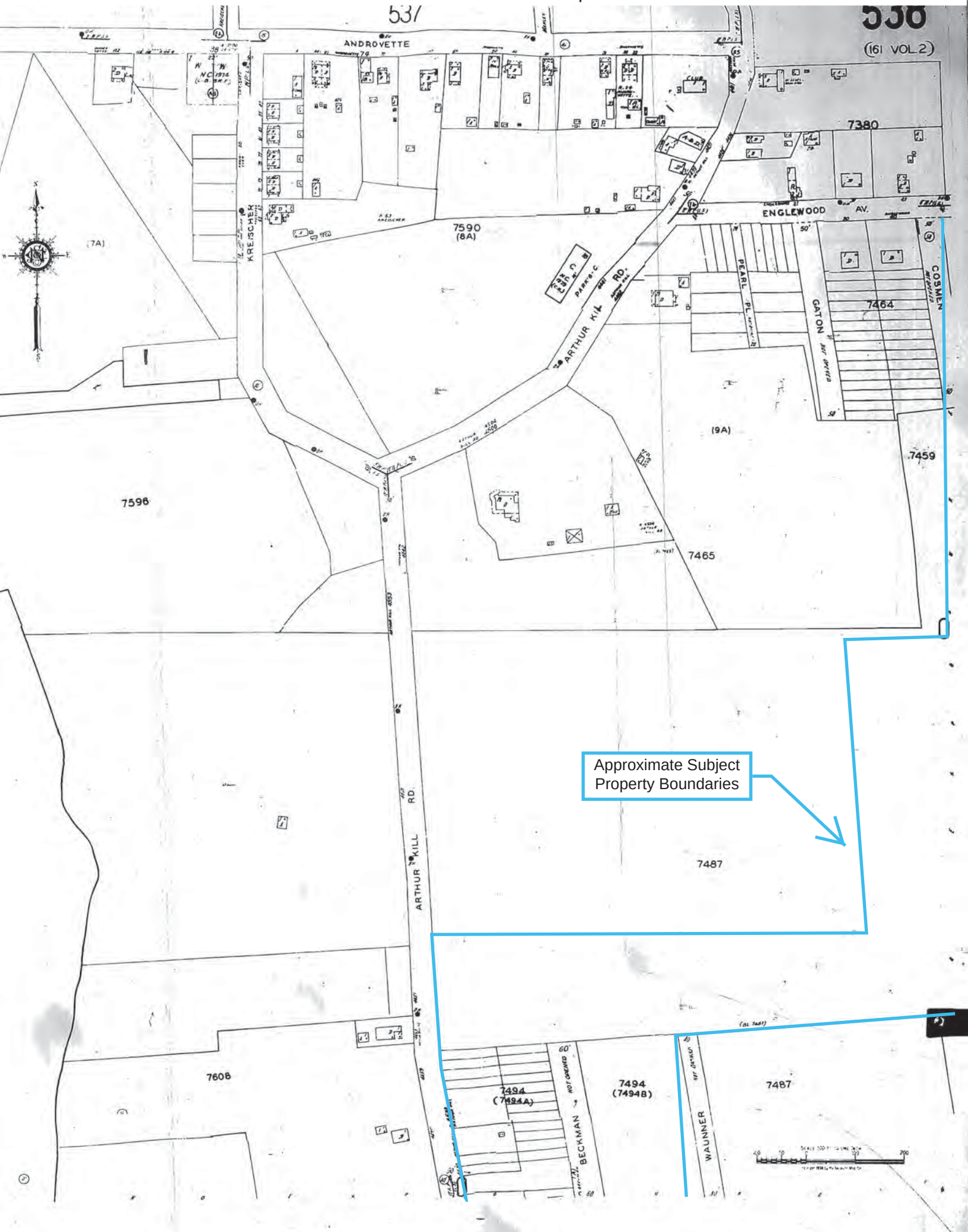
1937 Fire Insurance Map



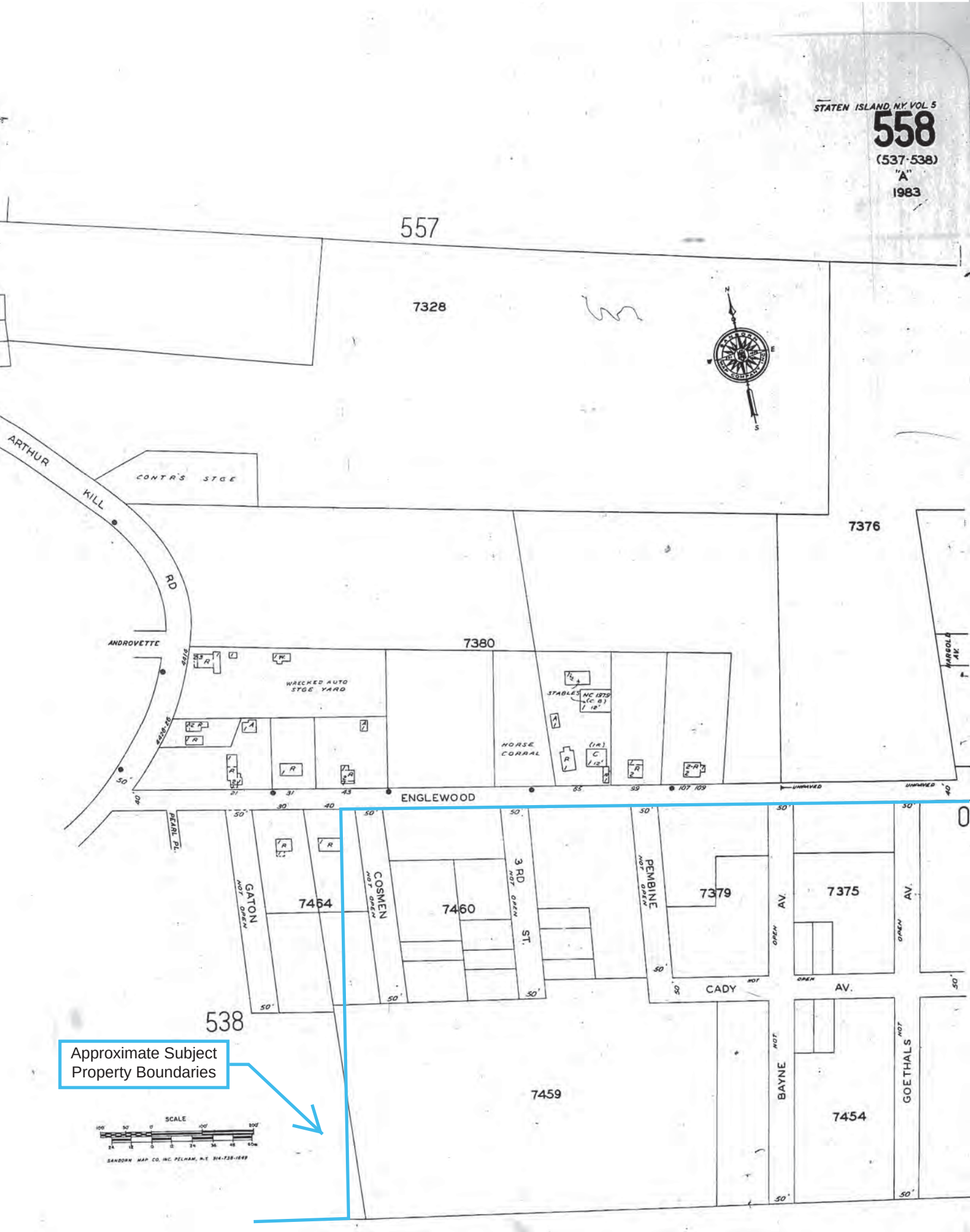
1951 Fire Insurance Map



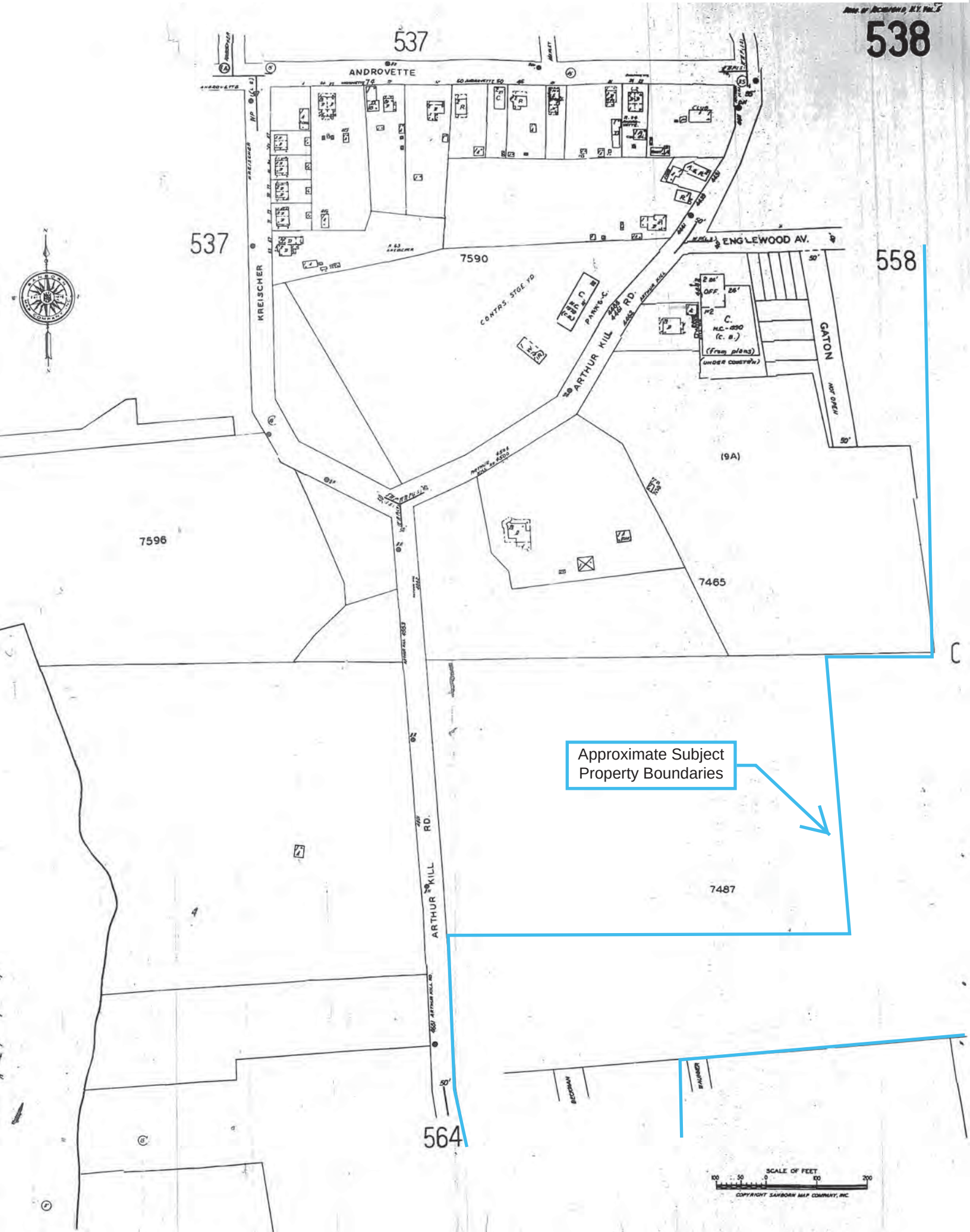
1983 Fire Insurance Map



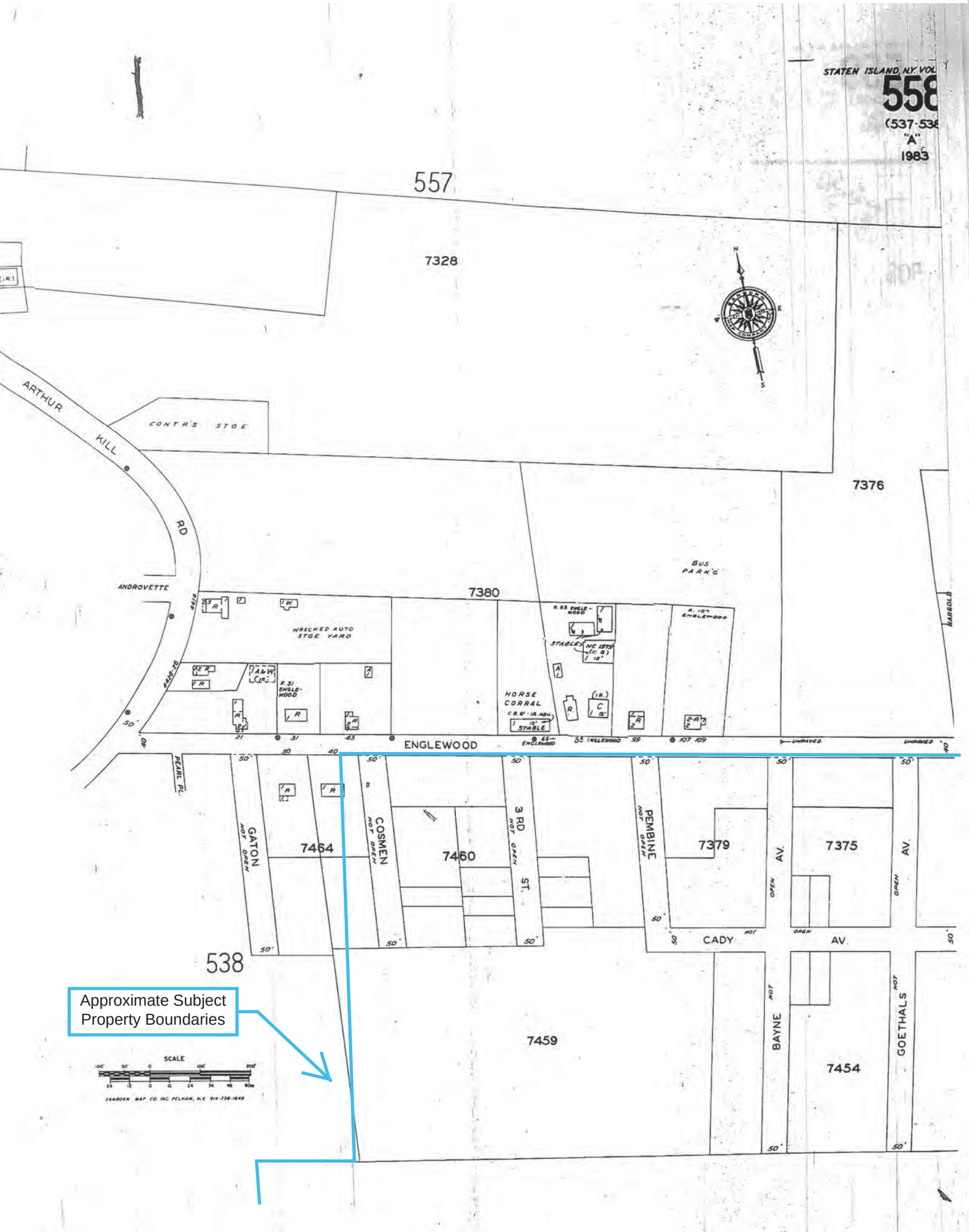
1983 Fire Insurance Map



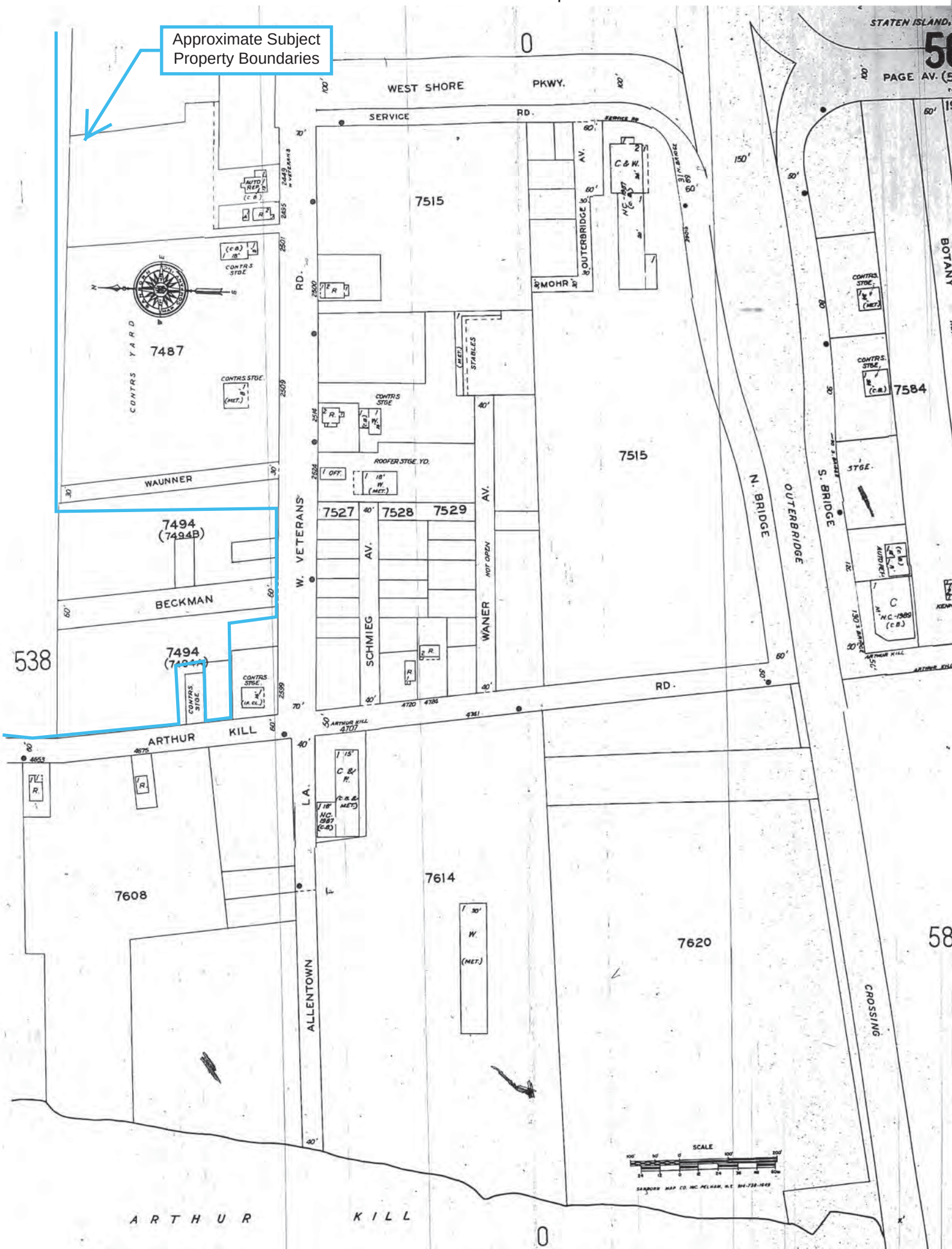
1990 Fire Insurance Map



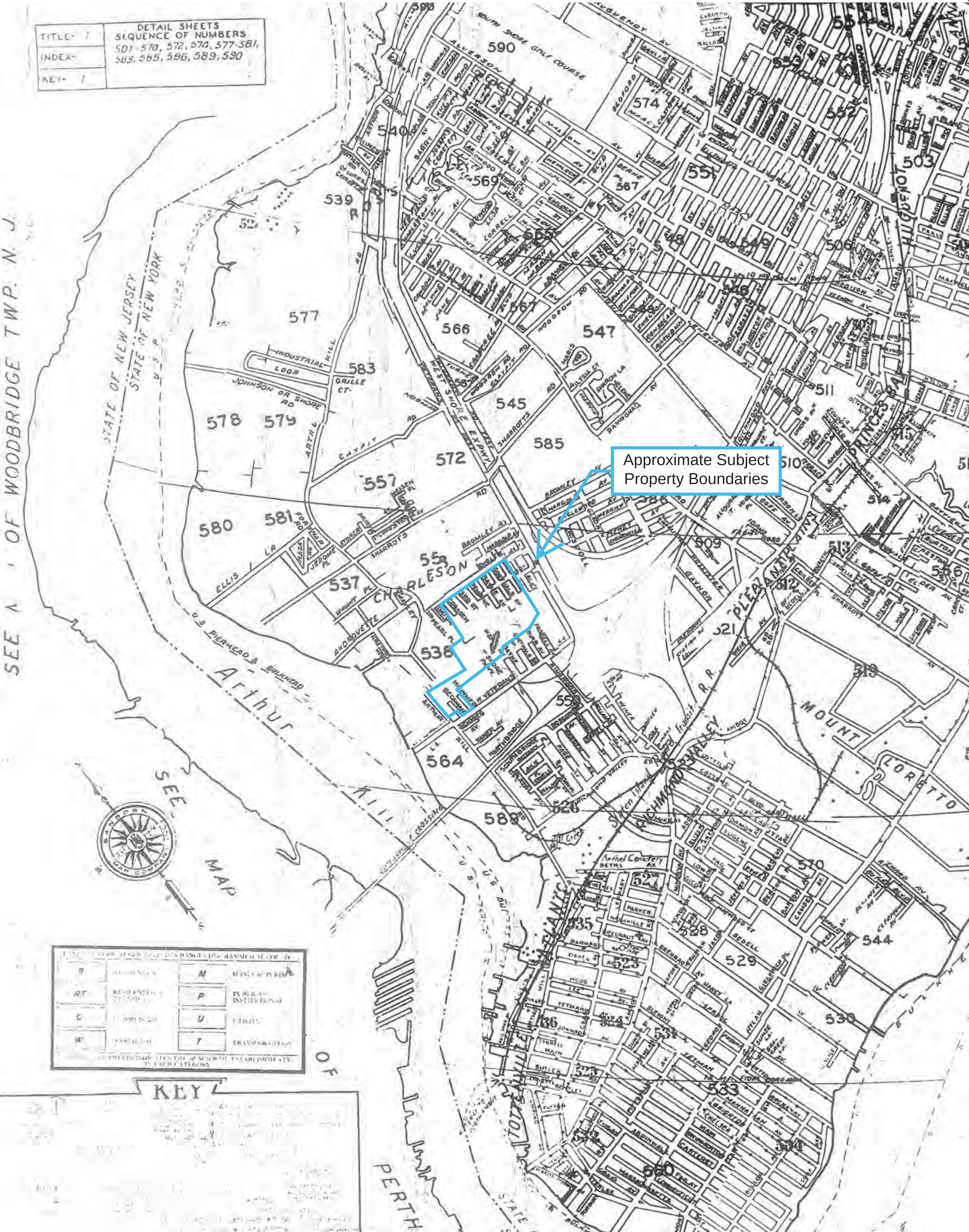
1990 Fire Insurance Map



1990 Fire Insurance Map



1990 Fire Insurance Map

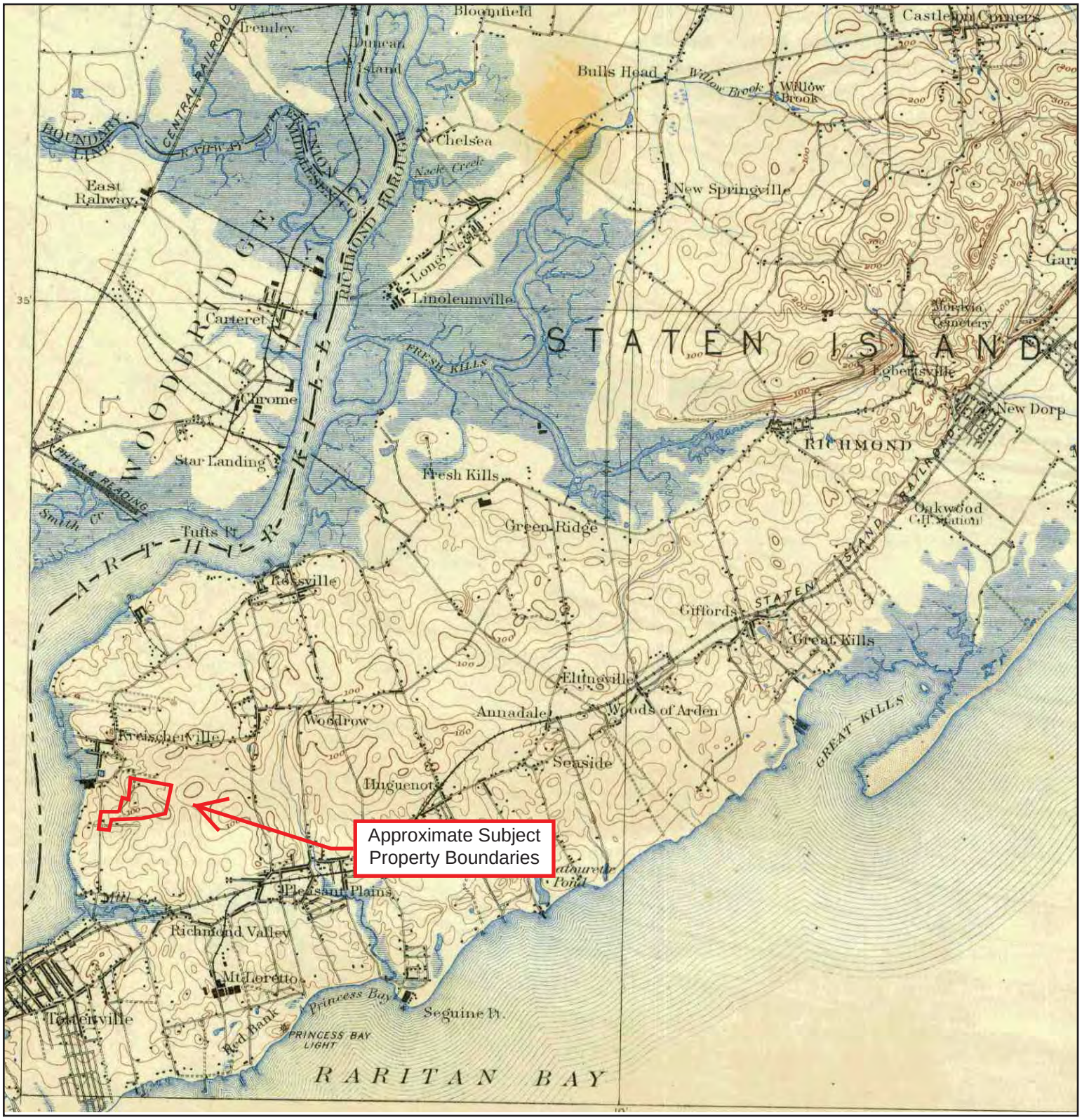


APPENDIX C

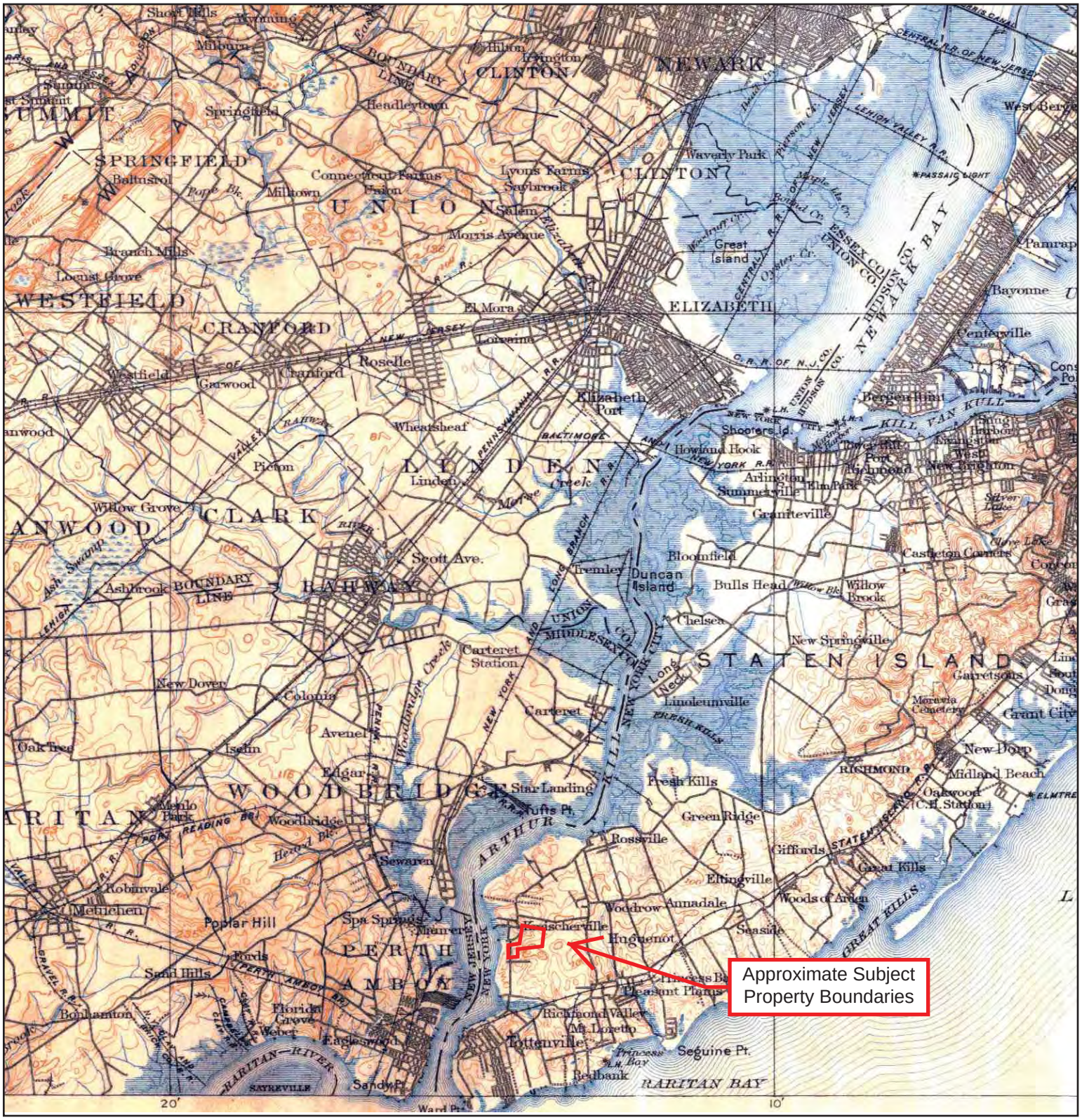
Historical Topographic Maps

(CEA, Inc.)

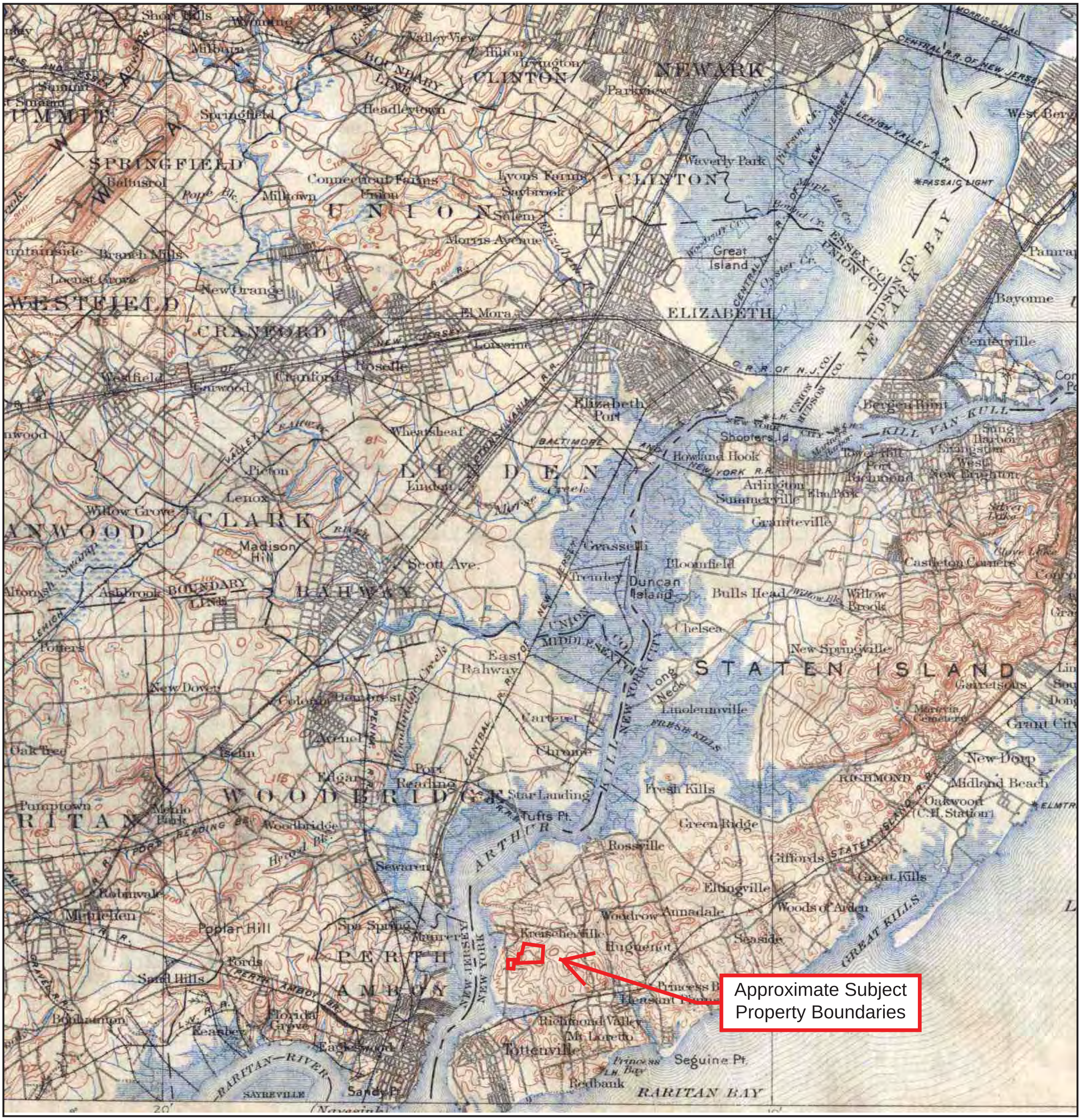
Historical Topographic Map



N	TARGET QUAD NAME: STATEN ISLAND MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: Charleston Site A ADDRESS: Veterans Road West Staten Island, NY 10309 LAT/LONG: 40.5298 / -74.2307	CLIENT: Carpenter Env. Assoc., Inc. CONTACT: Kim Hosea INQUIRY#: 3168888.4 RESEARCH DATE: 09/19/2011



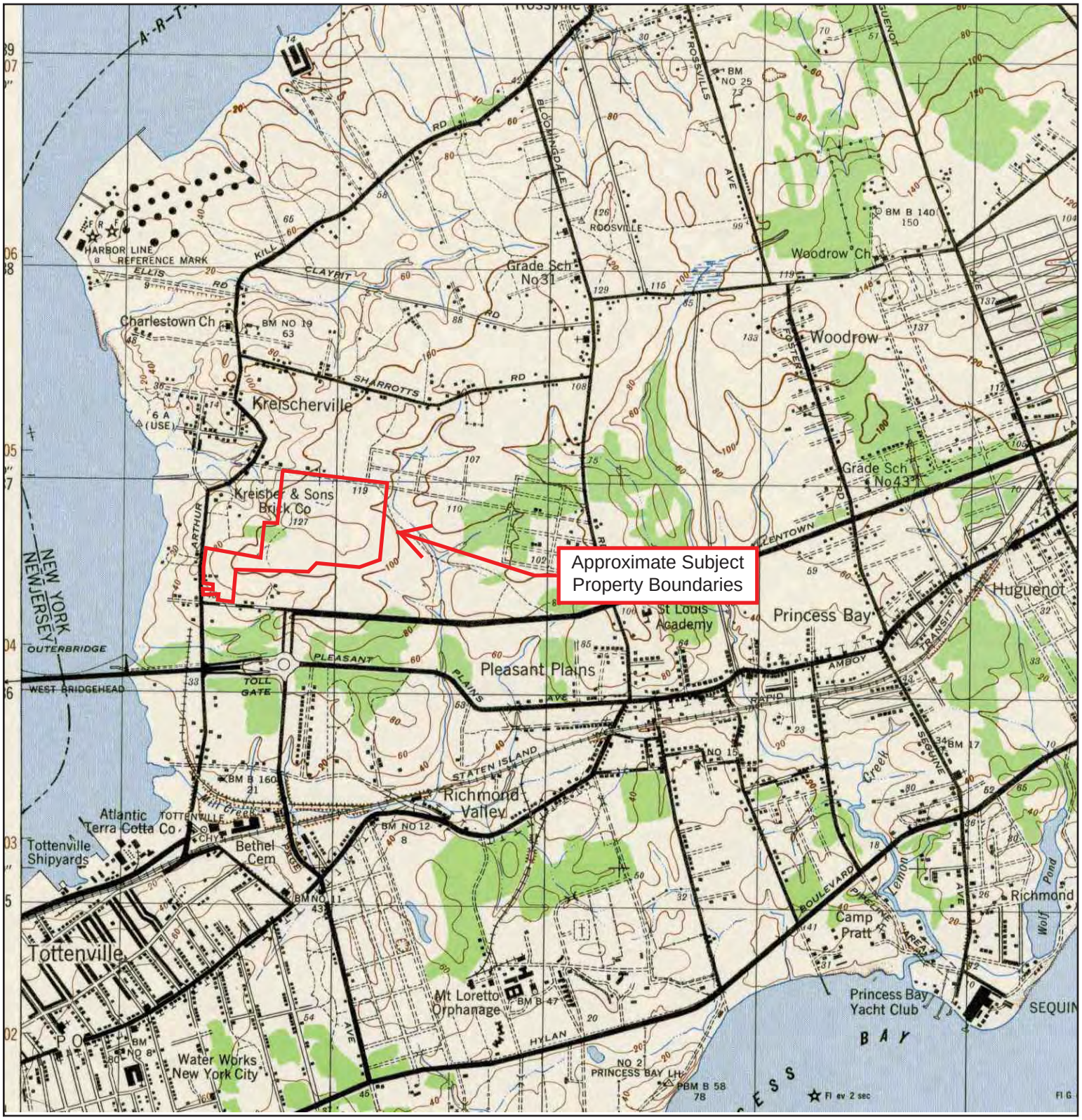
N	TARGET QUAD NAME: PASSAIC MAP YEAR: 1900 SERIES: 30 SCALE: 1:125000	SITE NAME: Charleston Site A ADDRESS: Veterans Road West Staten Island, NY 10309 LAT/LONG: 40.5298 / -74.2307	CLIENT: Carpenter Env. Assoc., Inc. CONTACT: Kim Hosea INQUIRY#: 3168888.4 RESEARCH DATE: 09/19/2011



N ↑	TARGET QUAD NAME: PASSAIC MAP YEAR: 1905 SERIES: 30 SCALE: 1:125000	SITE NAME: ADDRESS: LAT/LONG:	Charleston Site A Veterans Road West Staten Island, NY 10309 40.5298 / -74.2307	CLIENT: CONTACT: INQUIRY#: RESEARCH DATE: 09/19/2011	Carpenter Env. Assoc., Inc. Kim Hosea 3168888.4

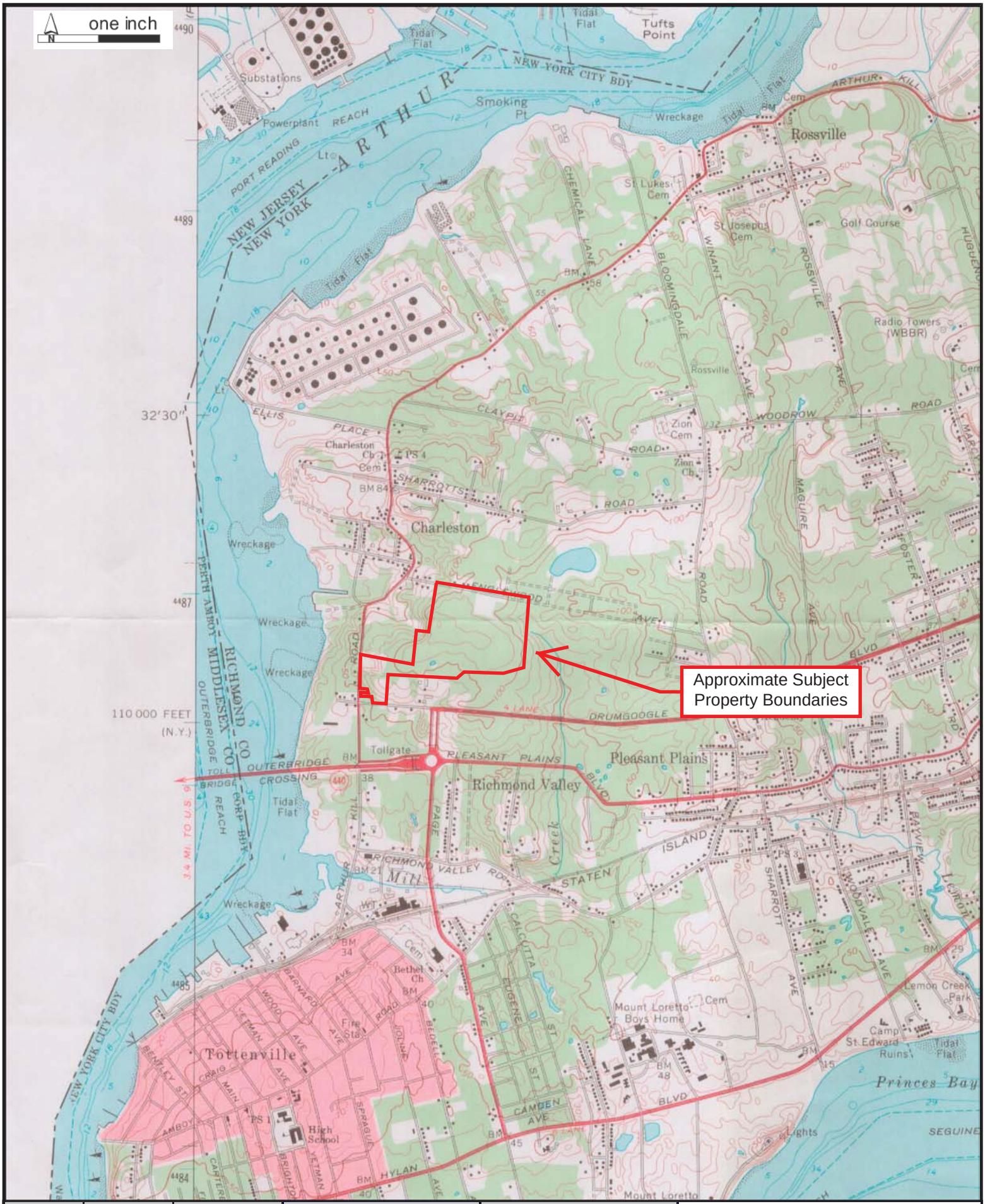
Date:	Scale:	Source:	JobID:	Project Number:
1943	1"=2083'	USGS	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				Arthur Kill NY

trs
environmental and historic research



N	TARGET QUAD NAME: ARTHUR KILL MAP YEAR: 1947 SERIES: 7.5 SCALE: 1:25000	SITE NAME: Charleston Site A ADDRESS: Veterans Road West Staten Island, NY 10309 LAT/LONG: 40.5298 / -74.2307	CLIENT: Carpenter Env. Assoc., Inc. CONTACT: Kim Hosea INQUIRY#: 3168888.4 RESEARCH DATE: 09/19/2011

N	TARGET QUAD NAME: ARTHUR KILL MAP YEAR: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Charleston Site A ADDRESS: Veterans Road West Staten Island, NY 10309 LAT/LONG: 40.5298 / -74.2307	CLIENT: Carpenter Env. Assoc., Inc. CONTACT: Kim Hosea INQUIRY#: 3168888.4 RESEARCH DATE: 09/19/2011



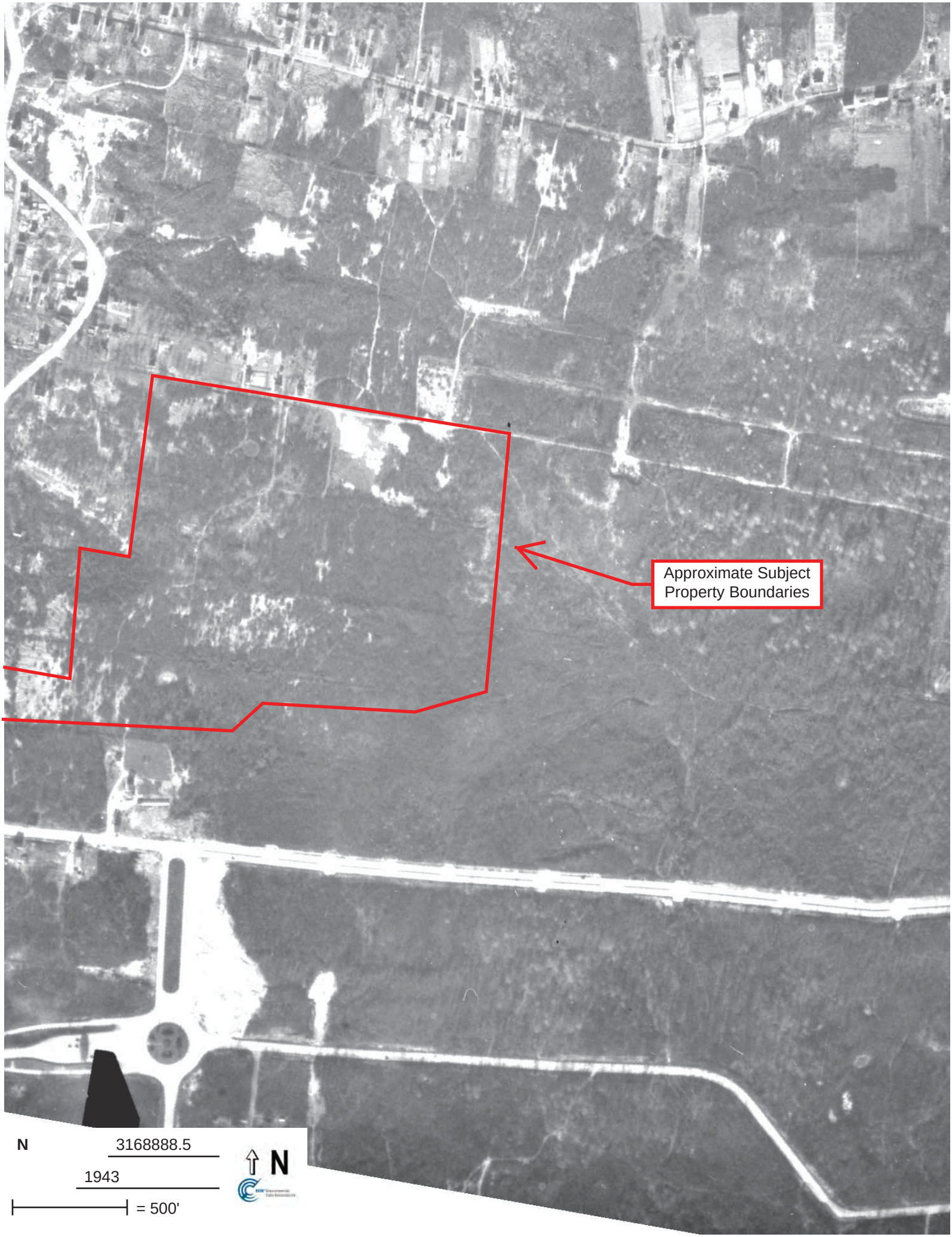
Date:	Scale:	Source:	JobID:	Project Number:
1969	1"=2000'	USGS	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				Arthur Kill NY

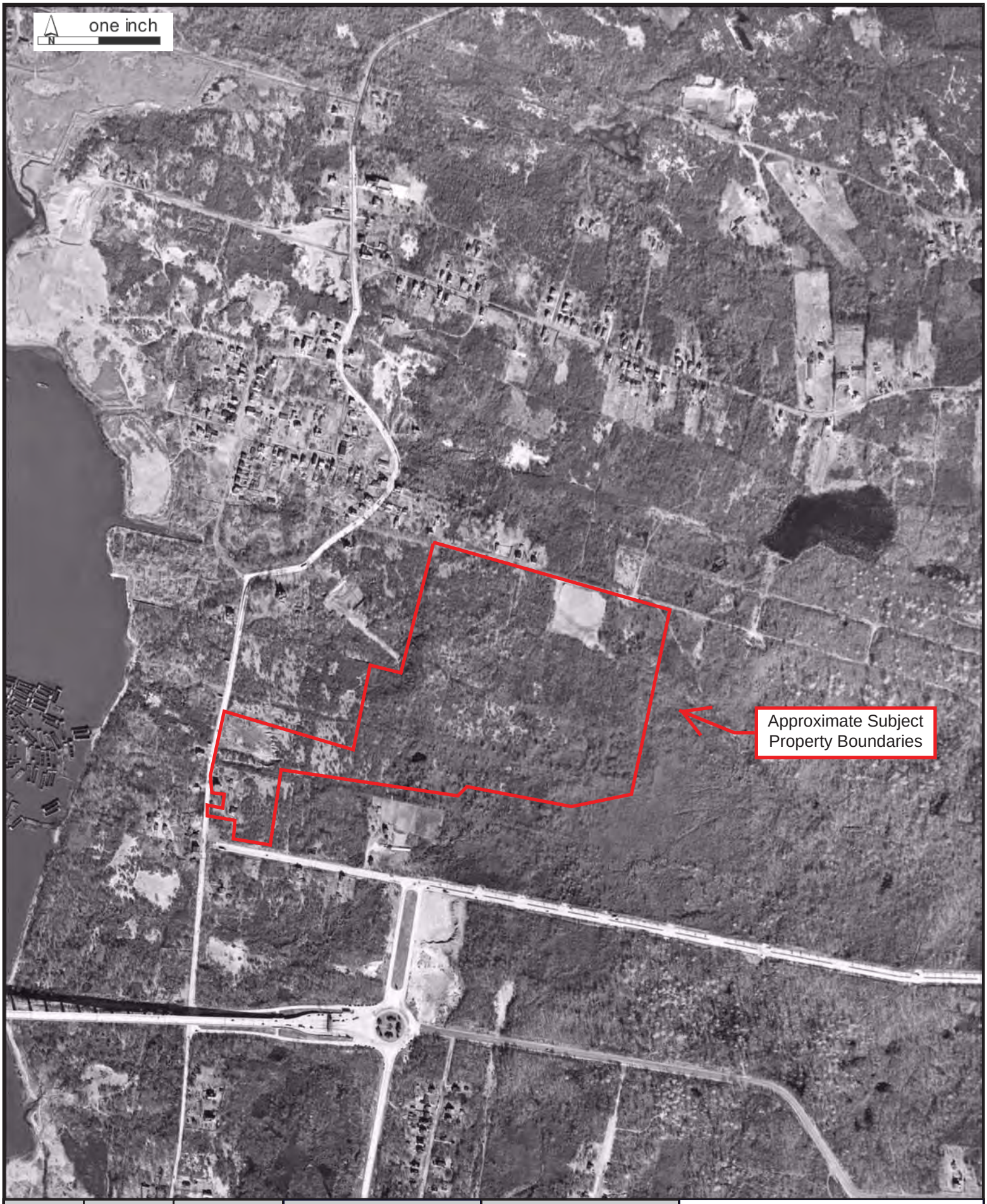
trs
environmental and historic research

N	TARGET QUAD NAME: ARTHUR KILL MAP YEAR: 1981 PHOTOREVISED:1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Charleston Site A ADDRESS: Veterans Road West Staten Island, NY 10309 LAT/LONG: 40.5298 / -74.2307	CLIENT: Carpenter Env. Assoc., Inc. CONTACT: Kim Hosea INQUIRY#: 3168888.4 RESEARCH DATE: 09/19/2011

APPENDIX D

Historical Aerial Photographs


Approximate Subject
Property Boundaries
N
3168888.5
1943
= 500'
N

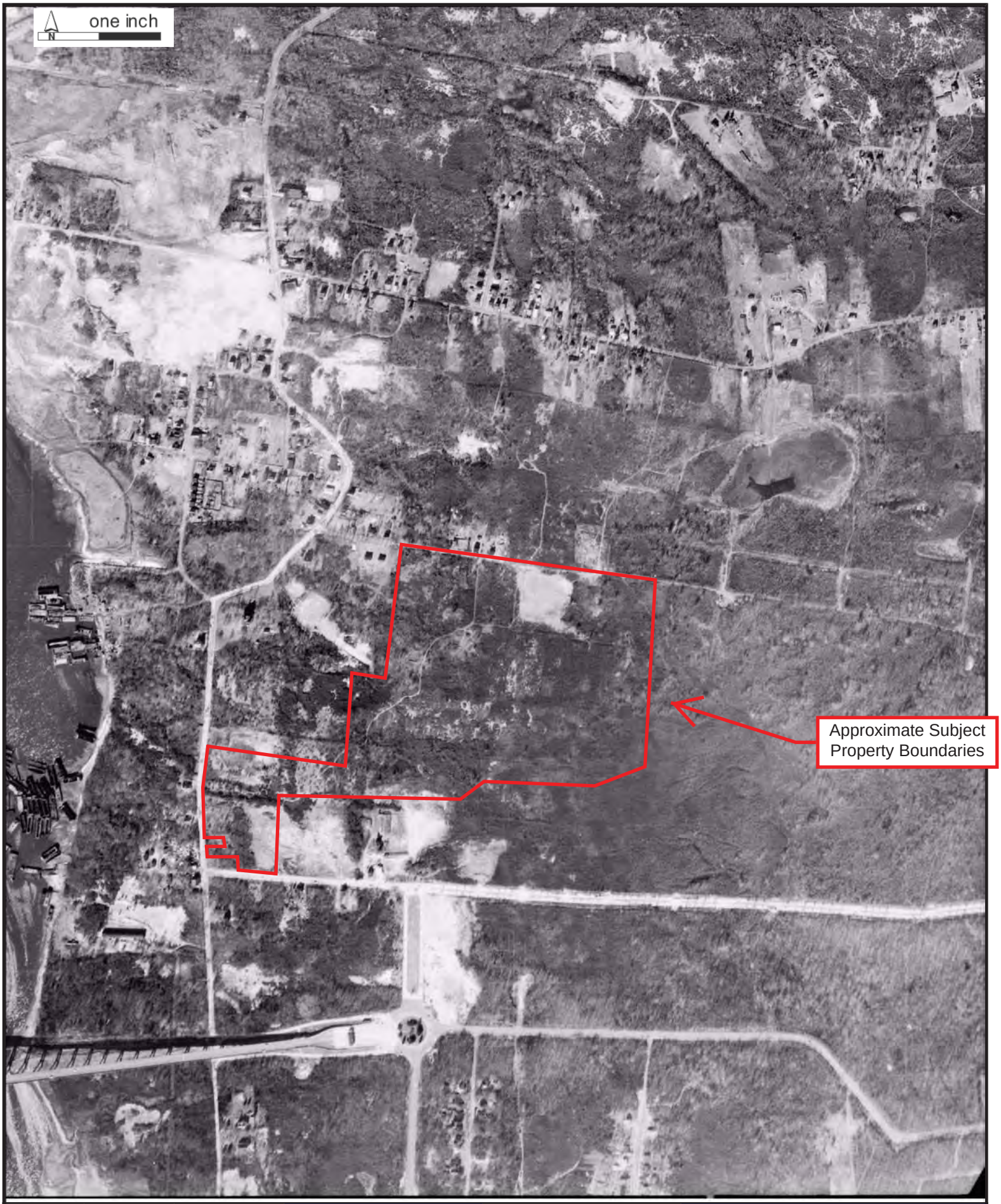


Date:	Scale:	Source:	JobID:	Project Number:
1954	1"=700'	USGS	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				

trs
environmental and historic research

Approximate Subject
Property Boundaries
N
3168888.5
1954
= 500'
N

N
3168888.5
1963
= 500'
N
Approximate Subject
Property Boundaries



Date:	Scale:	Source:	JobID:	Project Number:
1966	1"=700'	USGS	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				

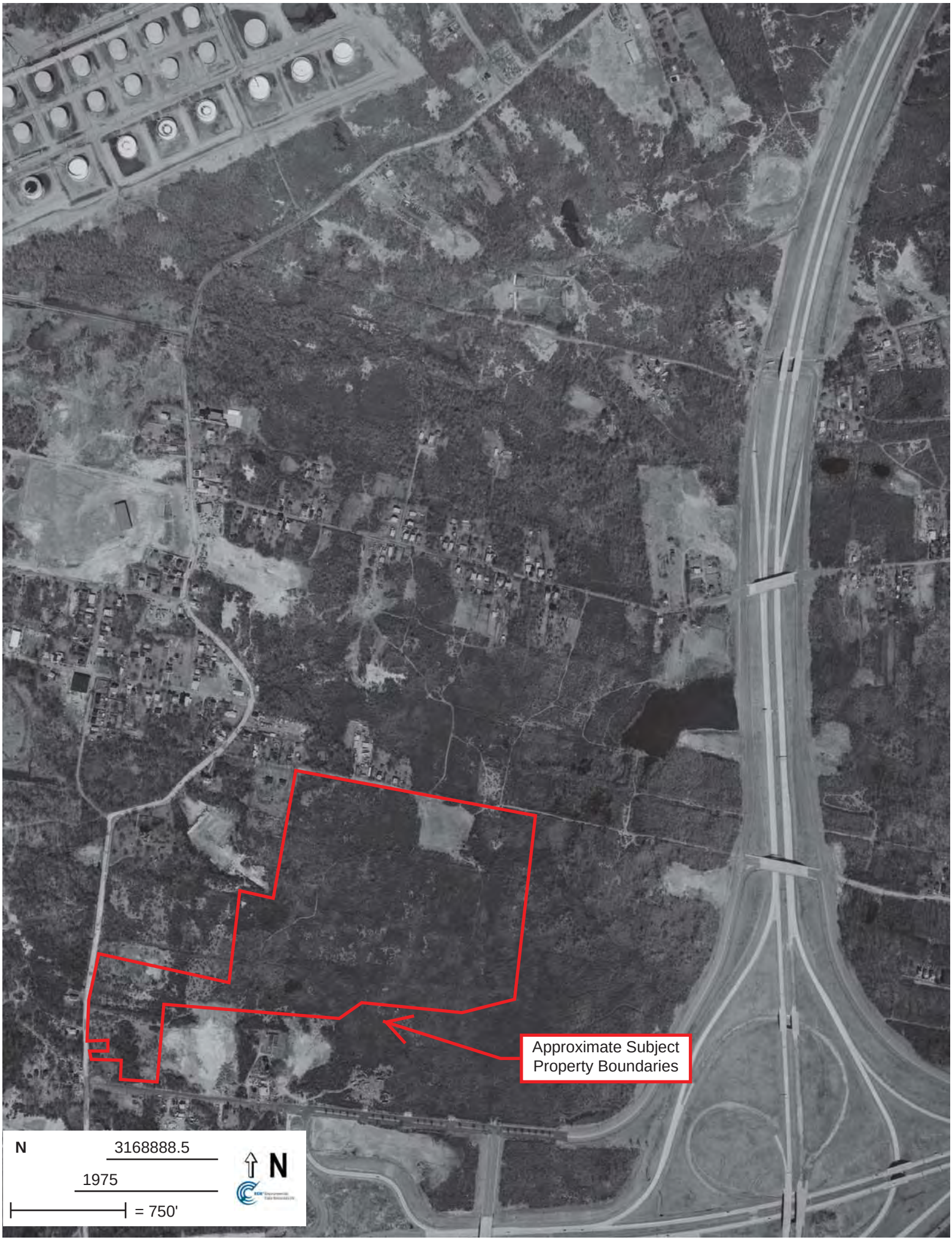
trs
environmental and historic research

Approximate Subject Property Boundaries
N
3168888.5
1966
= 500'
N

Approximate Subject Property Boundaries
N
3168888.5
1972
= 750'
N

Date:	Scale:	Source:	JobID:	Project Number:
1973	1"=700'	USGS	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				

trs
environmental and historic research


Approximate Subject
Property Boundaries
N
3168888.5
1975
= 750'
N

0 5 6
4-27-84
Approximate Subject
Property Boundaries
N
3168888.5
1984
= 750'
N

Date:	Scale:	Source:	JobID:	Project Number:
1989	1"=700'	USGS	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				

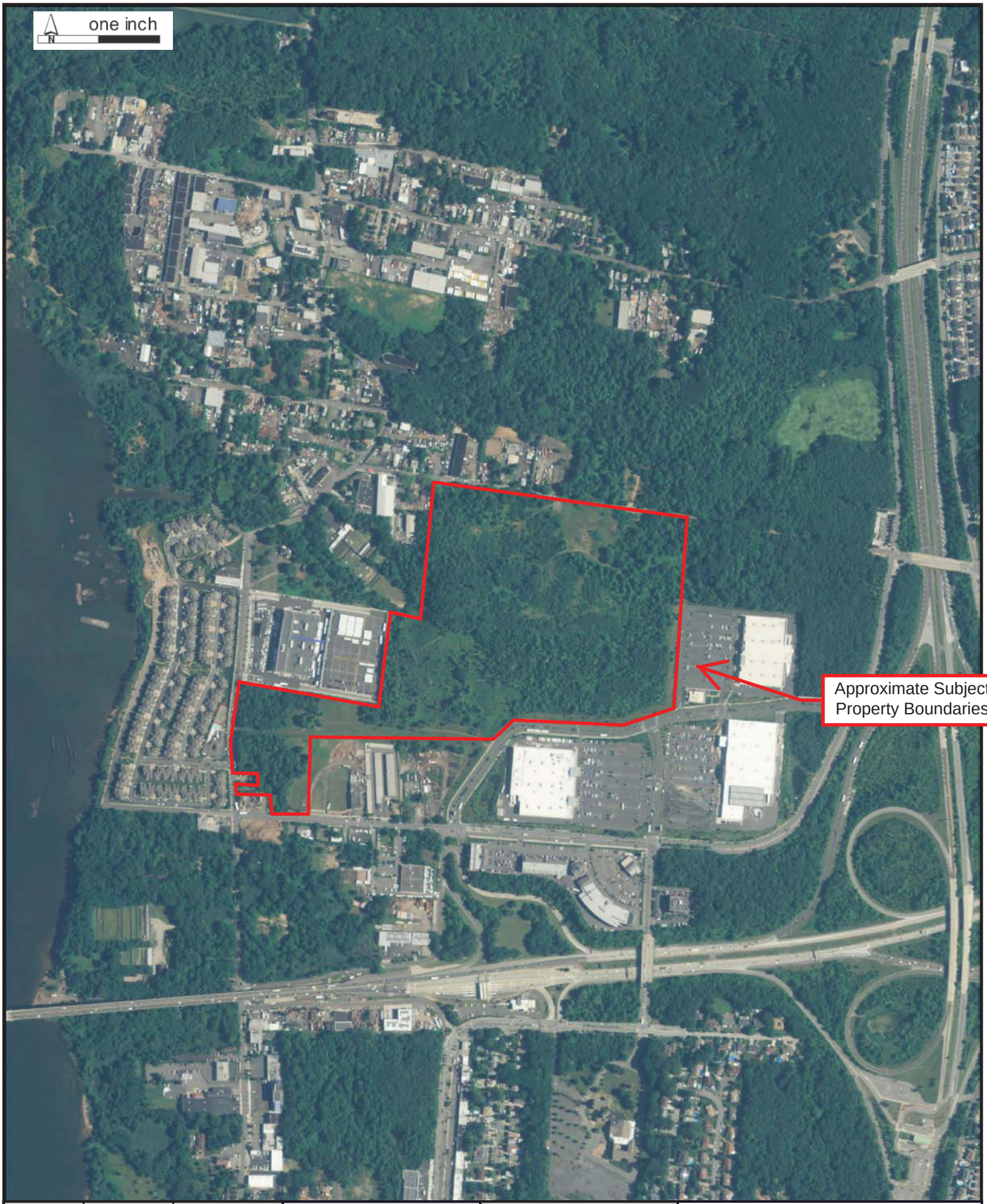
trs
environmental and historic research

Date:	Scale:	Source:	JobID:	Project Number:
1995	1"=700'	USGS	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				

trs
environmental and historic research

Date:	Scale:	Source:	JobID:	Project Number:
2006	1"=700'	NAIP	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				

trs
environmental and historic research



Date:	Scale:	Source:	JobID:	Project Number:
2011	1"=700'	NAIP	T1628.1003	12043
Site Location:				Comment:
ENGLEWOOD AVE STATEN ISLAND,NY				

trs
environmental and historic research

APPENDIX E

Environmental Database Report

TOXICS TARGETING

Phase I
Environmental Database Report

Charleston
Staten Island, NY 10309

August 10, 2012

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PLEASE REFER TO PAGES ONE AND FIVE FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS ENVIRONMENTAL REPORT.

Ta le of Contents

Introd tion..... ..... .

- *The Three Sections of Your Report*
- *How to Use Your Report*
- *Toxic Site Databases Analyzed In Your Report*
- *Limitations Of the Information In Your Report*

Se tion One Yo r Re ort S ary..... .. ..

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites By Category*
- *Table Four: Identified Toxic Sites By Proximity*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Eighth-Mile Radius Map*
- *Map Four: Eighth-Mile Radius Close-up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

Se tion T o To i Site Profiles

Se tion Three A endi es

- *USEPA ERNS Check*
- *Unmappable Sites*
- *Hazardous Waste Codes*
- *Information Source Guide*

Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Environmental Report.* It checks for the presence of 25 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. ***Maps*** the approximate locations of selected government-reported toxic sites identified on or near a specified target address.

2. ***Estimates*** the distance and direction between the target address and each identified toxic site.

3. ***Reports*** air and water permit non-compliance and other regulatory violations.

4. ***Profiles*** some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.

5. ***Summarizes*** some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. A close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report. Finally, a map of tax parcels and a table of selected information about those parcels are included.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information and some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

How to Use Your Report

- Check Table One to see the number of <u>identified sites by distance intervals</u>.

- Check Table Two to see identified sites sorted by <u>direction</u>.

- Check Table Three to see identified sites ranked by <u>proximity to the target address</u>.

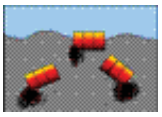
- Check Table Four to see identified sites <u>sorted by site categories</u>.

- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

To ic Site ata ases nal zed In Your Report

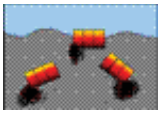
a c ad

One-Mile



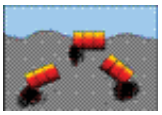
1) ***ational Priorit ist for ederal Superfund leanup*** a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

alf-Mile



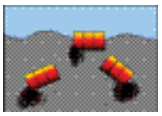
2) ***elisted ational Priorit ist Sites*** a listing of NP sites that have been removed from the National Priority ist.

One-Mile



3) ***ew Yor Inacti e Hazardous aste isposal Site Re istr*** a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile

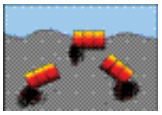


4) ***ew Yor Inacti e Hazardous aste isposal Site Re istr ualif in*** a state listing of sites that qualify for possible inclusion to the N EC Inactive az. aste isposal Site Registry.

One-Mile

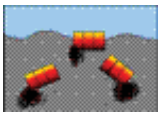
5) ***R R orrecti e ction cti it ORR TS*** waste facilities with RCRA corrective action activity reported by the USEPA.

alf-Mile



) ***ER IS*** (Comprehensive Environmental Response, Compensation and iability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

alf-Mile



) ***ER IS R P*** a federal listing of CERC IS sites that have no further remedial action planned.

alf-Mile

) ***ew Yor State rownfield leanup Sites*** a listing of sites that are abandoned, idled or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

alf-Mile

) ***ew Yor Solid aste acilities Re istr*** active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

alf-Mile

1) ***ew Yor it Solid aste Sites*** a listing of solid waste disposal sites operated by New ork City municipal authorities circa 1 34.

alf-Mile

11) ***ew Yor and ederal Hazardous aste Treatment Stora e or isposal acilities*** sites reported by the N S manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRIS). Also includes the following database:

- ***R R iolations*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

alf-Mile

12) ***To ic Spills acti e and inacti e or closed*** spills reported to state environmental authorities, including *remediated* and *nremediated* leaking underground storage tanks. This database includes the following categories:

- Tank Failures
- Tank Test Failures
- Unknown Spill Cause or Other Spill Causes
- Miscellaneous Spill Causes

Eighth-Mile

13) ***ew Yor State Ma or Oil Stora e acilities*** sites with more than a 4 , gallon capacity for storing petroleum products.

Eighth-Mile

14) ***ew Yor State Petroleum ul Stora e acilities*** sites with more than an 1,1 gallon capacity for storing petroleum products.

Eighth-Mile

15) ***ew Yor it ire ept Tan ata*** tank data from 1 .

Eighth-Mile

1) ***ew Yor and ederal Hazardous aste enerators and Transporters*** sites reported by the N S manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRA). Also includes the following database:

- ***R R iolations*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

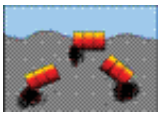
Eighth-Mile

1) ***ew Yor hemical ul Stora e acilities*** sites storing hazardous substances listed in N CRR Part 5 in aboveground tanks with capacities of 1 5 gallons or more and or underground tanks of any size

Eighth-Mile

1) ***Historic ew Yor it Utilit Sites s to s*** power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

alf-Mile



1) ***ew Yor Hazardous Su stance isposal Site raft Stud*** a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites were not eligible for state clean up funding programs.

Eighth-Mile

2) ***ederal To ic Release In entor acilities*** discharges of selected toxic chemicals to air, land, water or treatment facilities.

Eighth-Mile

21) ***ederal ir ischar es*** air pollution point sources monitored by U.S. EPA and or state and local air regulatory agencies.

Eighth-Mile

22) ***ederal Permit ompliance S stem To ic astewater ischar es*** permitted toxic wastewater discharges.

Eighth-Mile

23) ***ederal i il and dministrati e Enforcement oc et*** judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the epartment of ustice.

On-site only (25 ft)

24) ***ew Yor it En ironmental ualit Re iew E R E esi nation Sites*** parcels assigned a special environmental (E) designation under the CE R process. E designation requires specific protocols that must be followed.

Property only

25) ***ER S ederal Emer enc Response otification S stem Spills*** a listing of federally reported spills.

imitations Of The Information In Your Report

The information presented in your *Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: **1)** additional information on individual sites may be available, **2)** newly discovered sites are continually reported and **3)** all map locations are approximate. As a result, this report is intended to be the FIRST STEP in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. Systematic changes are made to correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Some information that has been withheld by government authorities remains included in Toxic Site Profiles and is identified as archival information. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners operators or government agencies that produced the information. Also please be aware of some other limitations of the information in your report:

- The digital map used by *Toxics Targeting* is the same one used by the U. S. Census or local authorities in New ork City. hile the map is generally accurate, no map is perfect. In addition, *Toxics Targeting s* mapping methods estimate where toxic site addresses are located if the address is not specifically designated. FOR T ESE REASONS, A MAP OCATIONS OF A RESSES AN REPORTE TO IC SITES S OU E CONSI ERE APPRO IMATE AN S OU E ERIFIE ON-SITE ISITS

- UN ISCO ERE , UNREPORTE OR UNMAPPA E TO IC SITES MI T NOT E I ENTIFIE T IS REPORT'S C EC OF 25 TO IC SITE CATE ORIES. TO IC SITES REPORTE IN OT ER O ERNMENT ATA ASES MI T A SO E IST. FOR T ESE REASONS, OUR REPORT MI T NOT I ENTIF A T E TO IC SITES T AT E IST IN T E AREA IT SEARC ES

- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in the zip codes searched for the report as well as toxic sites without zip codes reported in the same county. IF OU OU I E INFORMATION ON AN OF T E ISTE SITES, P EASE CONTACT *T S TAR ET A RE ER T T E S TE ER.*

- New ork State epartment of Environmental Conservation Remediation Site orders are approximate and may not align with tax parcel boundaries mapped by local authorities or the digital map used by the US Census ureau. As a result, Remediation Site orders may overlap parcels that do not involve site remediation activities. Selected parcels also can involve multiple Remediation Site orders. Refer to individual site profiles for more information. Sites without profiles include potential new sites or sites that have not yet been publicly listed by EC.

- Some toxic sites identified in your report may be classified as **a a d** . Most of the toxic sites identified in your report involve **a a a d** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. <u>Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere</u>. OU S OU ON CONC U E T AT TO IC A AR S ACTUA E IST AT A SPECIFIC SITE EN O ERNMENT AUT ORITIES MA E T AT ETERMINATION OR EN T AT CONC USION IS FU OCUMENTE T E FIN IN S OF AN APPROPRIATE SITE IN ESTI ATION UN ERTA EN ICENSE PROFESSIONA S

- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.

- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. OU MA E A E TO O TAIN A ITIONA INFORMATION A OUT REPORTE SITES IT T E FREE OM OF INFORMATION RE UEST FORM ETTERS T AT ARE PRO I E ON T E INSI E OF T E AC CO ER.

Section One:

Report Summary

Ta le ne m er of dentified Toxic Sites istance nterval

Ta le T o dentified Toxic Sites irection

Ta le T ree dentified Toxic Sites ategor

Ta le o r dentified Toxic Sites Proximit

ap ne ne ile Radi s ap

ap T o alf ile Radi s ap

ap T ree Eig t ile Radi s ap

ap o r Eig t ile Radi s lose p ap

ap ive Tax Parcel ap

Ta le ive Tax Parcel ap nformation Ta le

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 − 100 ft	100 ft − 1/8 mi	1/8 mi − 1/4 mi	1/4 mi − 1/2 mi	1/2 mi − 1 mi	Site Category Totals
ASTM−Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	0	0	1	1
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	1	1
ASTM−Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non−NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	0	0	0	Not searched	0
Brownfields Sites						
Voluntary Cleanup Program	0	0	0	0	Not searched	0
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	0	0	0	Not searched	0
NYSDEC Solid Waste Facilities / Landfills	0	1	2	0	Not searched	3
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	0	Not searched	0
NYS Toxic Spills						
Active Tank Failures	0	0	0	0	Not searched	0
Active Tank Test Failures	0	0	0	0	Not searched	0
Active Spills − Unknown / Other Causes	0	0	0	0	Not searched	0
Active Spills − Miscellaneous Causes	0	0	0	0	Not searched	0
Closed Tank Failures	0	0	2	3	Not searched	5
Closed Tank Test Failures	0	0	2	1	Not searched	3
Closed Spills − Unknown / Other Causes	1	6	7	4	Not searched	18
Closed Spills − Miscellaneous Causes	1	4	0(10)	2(13)	Not searched	7(23)
ASTM−Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	0	1	Not searched	Not searched	Not searched	1
RCRA Hazardous Waste Generators & Transporters	3	4	Not searched	Not searched	Not searched	7
NYS Chemical Bulk Storage Sites	0	1	Not searched	Not searched	Not searched	1
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM−Required On−Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	0	0	Not searched	Not searched	Not searched	0
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM−Required Databases Distance Interval Totals	**5**	**17**	**13(10)**	**10(13)**	**2**	**47(23)**

Numbers in ( ) indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

* NYC Environmental Quality Review Requirements ("E") Sites were searched at 250 feet.

NOTE: Table continues on next page.

Non−ASTM Databases 1/2 Mile Search						
1934 NYC Municipal Waste Landfills	0	0	0	0	Not searched	0
Hazardous Substance Waste Disposal Sites	0	0	0	0	Not searched	0
Non−ASTM Databases 1/8 Mile Search						
Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	0	0	Not searched	Not searched	Not searched	0
Civil & Administrative Enforcement Docket Facilities	0	0	Not searched	Not searched	Not searched	0
Non−ASTM Databases Distance Interval Totals	**0**	**0**	**0**	**0**	**Not Searched**	**0**
Distance Interval Totals	***5***	***17***	***13(10)***	***10(13)***	***2***	***47(23)***

Numbers in ( ) indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

Identified Toxic Sites by Direction

Charleston
Staten Island, NY 10309

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
14		ENGLEWOOD AVE	0 feet	Closed Status Spill (Unk/Other Cause)
40	JOHN IPPOLITO	4700 ARTHUR KILL ROAD	62 feet to the W*	Hazardous Waste Generator/Transporter
41	NYCT − CHARLESTON BUS ANNEX	4700 ARTHUR KILL RD	62 feet to the W*	Hazardous Waste Generator/Transporter
42	MAL CONTRACTING INC	2505 VETERANS ROAD WEST	84 feet to the SW*	Hazardous Waste Generator/Transporter
32	COMMERCIAL	43 ENGLEWOOD AVE	86 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)

Sites between 100 ft and 660 ft from the subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
16	97 ENGLEWOOD AVENUE	97 ENGLEWOOD AVENUE	147 feet to the N*	Closed Status Spill (Unk/Other Cause)
17	97 INGLEWOOD AVE	97 INGLEWOOD AVE	147 feet to the N*	Closed Status Spill (Unk/Other Cause)
18	LUCIANO RESIDENCE	97 ENGLEWOOD AVENUE	147 feet to the N*	Closed Status Spill (Unk/Other Cause)
19	HOME DEPOT PARKING LOT	TYRELLAN AVE AND VETERANS RD W	394 feet to the ESE	Closed Status Spill (Unk/Other Cause)
45	HOME DEPOT #HD1281	2750 VETERANS RD W	435 feet to the ESE	Hazardous Waste Generator/Transporter
44	TARGET 2006	2900 VETERANS RD W	256 feet to the S	Hazardous Waste Generator/Transporter
43	MOORE SELF STORAGE	3−26 VETERANS RD W	187 feet to the SW*	Hazardous Waste Generator/Transporter
3	JOHN IPPOLITO TRUCKING &	ARTHUR KILL & VETERAN RD WEST	155 feet to the WSW*	Solid Waste Facility
34	POLE	ARTHUR KILL RD/ALLEN TOWN	155 feet to the WSW*	Closed Status Spill (Misc. Spill Cause)
47	CHARLESTON BUS ANNEX	4700 ARTHUR KILL RD	111 feet to the W*	Chemical Bulk Storage Facility
33	CHARLESTON BUS DEPOT	4700 AURTHER KILL RD	147 feet to the W*	Closed Status Spill (Misc. Spill Cause)
39	CHARLESTON BUS ANNEX	4700 ARTHUR KILL ROAD	147 feet to the W*	Petroleum Bulk Storage Site
36	POLE 33	4500 ARTHUR KILL RD	527 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
15	TRUCK HIT POLE #32278, XFMR LEAKING	IN FRONT OF 21 ENGLEWOOD AVENUE	102 feet to the NW*	Closed Status Spill (Unk/Other Cause)
35	IN FRONT OF	4414 ARTHUR KILL RD	255 feet to the NW	Closed Status Spill (Misc. Spill Cause)
46	A TO Z AUTO BODY INC ATTN:TONY	4409 ARTHUR KILL ROAD	501 feet to the NW	Hazardous Waste Generator/Transporter
20	4465 ARTHURKILL RD ISLAND ENVIRONMENTAL TANK	4465 ARTHURKILL RD	590 feet to the NW	Closed Status Spill (Unk/Other Cause)

Sites e ual to or reater than 660 ft from subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
37	NEXT TO	420 SHARROTTS RD	1454 feet to the N	Closed Status Spill (Misc. Spill Cause)
38	TANK IFO NEW BUILDING	131 STORER AVE	1813 feet to the N	Closed Status Spill (Misc. Spill Cause)
31	37 SALAMANDER CT	37 SALAMANDER CT	2538 feet to the NE	Closed Status Spill (Unk/Other Cause)
10	PRIVATE RESIDENCE	140 WEINER STREET	2325 feet to the SSE	Closed Status Tank Failure
9	OUTERBRIDGE CROSSING	101 BOSCOMBE AVE	1681 feet to the S	Closed Status Tank Failure
27	BUSINESS PROPERTY	50 SOUTH BRIDGE STREET	1301 feet to the SSW	Closed Status Spill (Unk/Other Cause)
5	E. G. CLEMENTE CONTRACTIN	S BRIDGE ST BLOCK 7584 LOT 122	1306 feet to the SSW	Solid Waste Facility
13	CLOSED−LACKOF RECENT INFO	4865 ARTHUR KING RD	1710 feet to the SSW	Closed Status Tank Test Failure
1	NASSAU RECYCLING CORP.	286 RICHMOND VALLEY ROAD	2701 feet to the SSW	NYSDEC Inactive Haz Waste Disposal Site
11	OUTER BRIDGE CROSSING	ARTHURKILL/N.BRIDGE ROAD	1029 feet to the SW	Closed Status Tank Test Failure
6	OUTER BRIDGE CROSSING	ARTHUR KILL ROAD	1104 feet to the SW	Closed Status Tank Failure
7	PORT AUTHORITY OUTERBRDG	OUTERBRIDGE CROSSING	1104 feet to the SW	Closed Status Tank Failure
12	PORT AUTH/OUTERBRIDGE	PORT AUTH/OUTERBRIDGE	1104 feet to the SW	Closed Status Tank Test Failure
24	UNDER BRIDGE ABUTEMENT	OUTERBRIDGE CROSSING	1104 feet to the SW	Closed Status Spill (Unk/Other Cause)
25	UNDER THE OUTER BRIDGE	CROSSING ARTHUR KILL	1104 feet to the SW	Closed Status Spill (Unk/Other Cause)
26	OUTERBRIDGE CROSSING	OUTERBRIDGE CROSSING	1104 feet to the SW	Closed Status Spill (Unk/Other Cause)
8	VACANT BUILDING	4849 ARTHURKILL ROAD	1542 feet to the SW	Closed Status Tank Failure
21	ARTHUR KILL ROAD AT	KREISCHER STREET	789 feet to the WNW	Closed Status Spill (Unk/Other Cause)
28	122 ANDROVETTE ST	122 ANDROVETTE ST	1453 feet to the WNW	Closed Status Spill (Unk/Other Cause)
22	RENTAL PROPERTY	53 ANDROVETTE ST	900 feet to the NW	Closed Status Spill (Unk/Other Cause)
23	TNT TRANSPORTATION − MISC	10 MANLEY STREET	1017 feet to the NW	Closed Status Spill (Unk/Other Cause)
4	OMEGA CARTING		1210 feet to the NW	Solid Waste Facility
29	AUTOSHOP	110 WINANT PL	1853 feet to the NW	Closed Status Spill (Unk/Other Cause)
30	ED MAYERS	120 WINANT PLACE	1951 feet to the NW	Closed Status Spill (Unk/Other Cause)
2	PORT MOBIL TERMINAL	4101 ARTHURKILL RD	4213 feet to the NNW	RCRA Corrective Action Site

Identified Toxic Sites by Cate ory

Charleston
Staten Island, NY 10309

* Compass directions can vary substantially for sites located very close to the subject property address.

NYSD C Inacti e a aste Disposal Site e istry Total Sites 1 — **Database searched at 1 I ST re uired search distance 1 ile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	243004	NASSAU RECYCLING CORP.	286 RICHMOND VALLEY ROAD	2701 feet to the SSW

C Correcti e ction Sites Total Sites 1 — **Database searched at 1 I ST re uired search distance 1 ile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
2	NYD000824516	PORT MOBIL TERMINAL	4101 ARTHURKILL RD	4213 feet to the NNW

Solid aste acilities Total Sites 3 — **Database searched at 1 I ST re uired search distance 1 ile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
3	43W03	JOHN IPPOLITO TRUCKING &	ARTHUR KILL & VETERAN RD WEST	155 feet to the WSW*
4	43T15	OMEGA CARTING		1210 feet to the NW
5	43W38	E. G. CLEMENTE CONTRACTIN	S BRIDGE ST BLOCK 7584 LOT 122	1306 feet to the SSW

Closed Status Tan ailures Total Sites — **Database searched at 1 I ST re uired search distance 1 ile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
6	9804075	OUTER BRIDGE CROSSING	ARTHUR KILL ROAD	1104 feet to the SW
7	9107077	PORT AUTHORITY OUTERBRDG	OUTERBRIDGE CROSSING	1104 feet to the SW
8	0502079	VACANT BUILDING	4849 ARTHURKILL ROAD	1542 feet to the SW
9	9905613	OUTERBRIDGE CROSSING	101 BOSCOMBE AVE	1681 feet to the S
10	0411887	PRIVATE RESIDENCE	140 WEINER STREET	2325 feet to the SSE

Closed Status Tan Test ailures Total Sites 3 — **Database searched at 1 I ST re uired search distance 1 ile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
11	9806016	OUTER BRIDGE CROSSING	ARTHURKILL/N.BRIDGE ROAD	1029 feet to the SW
12	9012142	PORT AUTH/OUTERBRIDGE	PORT AUTH/OUTERBRIDGE	1104 feet to the SW
13	9303798	CLOSED−LACKOF RECENT INFO	4865 ARTHUR KING RD	1710 feet to the SSW

Closed Status Spills n nown Causes ther Causes Total Sites 1 — **Database searched at 1 I ST re uired search distance 1 ile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
14	0401938		ENGLEWOOD AVE	0 feet
15	0710002	TRUCK HIT POLE #32278, XFMR LEAKING	IN FRONT OF 21 ENGLEWOOD AVENUE	102 feet to the NW*
16	9315579	97 ENGLEWOOD AVENUE	97 ENGLEWOOD AVENUE	147 feet to the N*
17	9314553	97 INGLEWOOD AVE	97 INGLEWOOD AVE	147 feet to the N*
18	9314325	LUCIANO RESIDENCE	97 ENGLEWOOD AVENUE	147 feet to the N*
19	1011068	HOME DEPOT PARKING LOT	TYRELLAN AVE AND VETERANS RD W	394 feet to the ESE
20	0806757	4465 ARTHURKILL RD ISLAND ENVIRONMENTAL TANK	4465 ARTHURKILL RD	590 feet to the NW
21	0308839	ARTHUR KILL ROAD AT	KREISCHER STREET	789 feet to the WNW
22	0812762	RENTAL PROPERTY	53 ANDROVETTE ST	900 feet to the NW
23	0400679	TNT TRANSPORTATION − MISC	10 MANLEY STREET	1017 feet to the NW
24	9807252	UNDER BRIDGE ABUTEMENT	OUTERBRIDGE CROSSING	1104 feet to the SW
25	9603658	UNDER THE OUTER BRIDGE	CROSSING ARTHUR KILL	1104 feet to the SW
26	9400422	OUTERBRIDGE CROSSING	OUTERBRIDGE CROSSING	1104 feet to the SW
27	0611178	BUSINESS PROPERTY	50 SOUTH BRIDGE STREET	1301 feet to the SSW
28	9904392	122 ANDROVETTE ST	122 ANDROVETTE ST	1453 feet to the WNW
29	9513151	AUTOSHOP	110 WINANT PL	1853 feet to the NW
30	0230020	ED MAYERS	120 WINANT PLACE	1951 feet to the NW
31	9706507	37 SALAMANDER CT	37 SALAMANDER CT	2538 feet to the NE

Closed Status Spills iscellaneous Spill Causes Total Sites **Database searched at 1 I ST re uired search distance 1 ile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
32	0910978	COMMERCIAL	43 ENGLEWOOD AVE	86 feet to the NNW*
33	1111961	CHARLESTON BUS DEPOT	4700 AURTHER KILL RD	147 feet to the W*
34	0805977	POLE	ARTHUR KILL RD/ALLEN TOWN	155 feet to the WSW*
35	0210417	IN FRONT OF	4414 ARTHUR KILL RD	255 feet to the NW
36	1110147	POLE 33	4500 ARTHUR KILL RD	527 feet to the WNW
37	9611350	NEXT TO	420 SHARROTTS RD	1454 feet to the N
38	0604966	TANK IFO NEW BUILDING	131 STORER AVE	1813 feet to the N

etroleum ul Stora e Sites Total Sites 1 **Database searched at 1 I ST re uired search distance roperty djacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
39	2−610987	CHARLESTON BUS ANNEX	4700 ARTHUR KILL ROAD	147 feet to the W*

a ardous aste enerators, Transporters Total Sites **Database searched at 1 I ST re uired search distance roperty djacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
40	NYN20002A276	JOHN IPPOLITO	4700 ARTHUR KILL ROAD	62 feet to the W*
41	NYR000179440	NYCT − CHARLESTON BUS ANNEX	4700 ARTHUR KILL RD	62 feet to the W*
42	NYN20002A299	MAL CONTRACTING INC	2505 VETERANS ROAD WEST	84 feet to the SW*
43	NYR000132761	MOORE SELF STORAGE	3−26 VETERANS RD W	187 feet to the SW*
44	NYR000136655	TARGET 2006	2900 VETERANS RD W	256 feet to the S
45	NYR000138784	HOME DEPOT #HD1281	2750 VETERANS RD W	435 feet to the ESE
46	NYD982736977	A TO Z AUTO BODY INC ATTN:TONY	4409 ARTHUR KILL ROAD	501 feet to the NW

Chemical ul Stora e acilities Total Sites 1 **Database searched at 1 I ST re uired search distance roperty djacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
47	2−000483	CHARLESTON BUS ANNEX	4700 ARTHUR KILL RD	111 feet to the W*

Identified Toxic Sites by roximity

Charleston, Staten Island, NY 10309

* Compass directions can vary substantially for sites located very close to the subject property address.

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
14		ENGLEWOOD AVE	0 feet	Closed Status Spill (Unk/Other Cause)
40	JOHN IPPOLITO	4700 ARTHUR KILL ROAD	62 feet to the W*	Hazardous Waste Generator/Transporter
41	NYCT − CHARLESTON BUS ANNEX	4700 ARTHUR KILL RD	62 feet to the W*	Hazardous Waste Generator/Transporter
42	MAL CONTRACTING INC	2505 VETERANS ROAD WEST	84 feet to the SW*	Hazardous Waste Generator/Transporter
32	COMMERCIAL	43 ENGLEWOOD AVE	86 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
15	TRUCK HIT POLE #32278, XFMR LEAKING	IN FRONT OF 21 ENGLEWOOD AVENUE	102 feet to the NW*	Closed Status Spill (Unk/Other Cause)
47	CHARLESTON BUS ANNEX	4700 ARTHUR KILL RD	111 feet to the W*	Chemical Bulk Storage Facility
16	97 ENGLEWOOD AVENUE	97 ENGLEWOOD AVENUE	147 feet to the N*	Closed Status Spill (Unk/Other Cause)
17	97 INGLEWOOD AVE	97 INGLEWOOD AVE	147 feet to the N*	Closed Status Spill (Unk/Other Cause)
18	LUCIANO RESIDENCE	97 ENGLEWOOD AVENUE	147 feet to the N*	Closed Status Spill (Unk/Other Cause)
33	CHARLESTON BUS DEPOT	4700 AURTHER KILL RD	147 feet to the W*	Closed Status Spill (Misc. Spill Cause)
39	CHARLESTON BUS ANNEX	4700 ARTHUR KILL ROAD	147 feet to the W*	Petroleum Bulk Storage Site
3	JOHN IPPOLITO TRUCKING &	ARTHUR KILL & VETERAN RD WEST	155 feet to the WSW*	Solid Waste Facility
34	POLE	ARTHUR KILL RD/ALLEN TOWN	155 feet to the WSW*	Closed Status Spill (Misc. Spill Cause)
43	MOORE SELF STORAGE	3−26 VETERANS RD W	187 feet to the SW*	Hazardous Waste Generator/Transporter
35	IN FRONT OF	4414 ARTHUR KILL RD	255 feet to the NW	Closed Status Spill (Misc. Spill Cause)
44	TARGET 2006	2900 VETERANS RD W	256 feet to the S	Hazardous Waste Generator/Transporter
19	HOME DEPOT PARKING LOT	TYRELLAN AVE AND VETERANS RD W	394 feet to the ESE	Closed Status Spill (Unk/Other Cause)
45	HOME DEPOT #HD1281	2750 VETERANS RD W	435 feet to the ESE	Hazardous Waste Generator/Transporter
46	A TO Z AUTO BODY INC ATTN:TONY	4409 ARTHUR KILL ROAD	501 feet to the NW	Hazardous Waste Generator/Transporter
36	POLE 33	4500 ARTHUR KILL RD	527 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
20	4465 ARTHURKILL RD ISLAND ENVIRONMENTAL TANK	4465 ARTHURKILL RD	590 feet to the NW	Closed Status Spill (Unk/Other Cause)
21	ARTHUR KILL ROAD AT	KREISCHER STREET	789 feet to the WNW	Closed Status Spill (Unk/Other Cause)
22	RENTAL PROPERTY	53 ANDROVETTE ST	900 feet to the NW	Closed Status Spill (Unk/Other Cause)
23	TNT TRANSPORTATION − MISC	10 MANLEY STREET	1017 feet to the NW	Closed Status Spill (Unk/Other Cause)
11	OUTER BRIDGE CROSSING	ARTHURKILL/N.BRIDGE ROAD	1029 feet to the SW	Closed Status Tank Test Failure
6	OUTER BRIDGE CROSSING	ARTHUR KILL ROAD	1104 feet to the SW	Closed Status Tank Failure
7	PORT AUTHORITY OUTERBRDG	OUTERBRIDGE CROSSING	1104 feet to the SW	Closed Status Tank Failure
12	PORT AUTH/OUTERBRIDGE	PORT AUTH/OUTERBRIDGE	1104 feet to the SW	Closed Status Tank Test Failure
24	UNDER BRIDGE ABUTEMENT	OUTERBRIDGE CROSSING	1104 feet to the SW	Closed Status Spill (Unk/Other Cause)
25	UNDER THE OUTER BRIDGE	CROSSING ARTHUR KILL	1104 feet to the SW	Closed Status Spill (Unk/Other Cause)
26	OUTERBRIDGE CROSSING	OUTERBRIDGE CROSSING	1104 feet to the SW	Closed Status Spill (Unk/Other Cause)
4	OMEGA CARTING		1210 feet to the NW	Solid Waste Facility
27	BUSINESS PROPERTY	50 SOUTH BRIDGE STREET	1301 feet to the SSW	Closed Status Spill (Unk/Other Cause)
5	E. G. CLEMENTE CONTRACTIN	S BRIDGE ST BLOCK 7584 LOT 122	1306 feet to the SSW	Solid Waste Facility
28	122 ANDROVETTE ST	122 ANDROVETTE ST	1453 feet to the WNW	Closed Status Spill (Unk/Other Cause)
37	NEXT TO	420 SHARROTTS RD	1454 feet to the N	Closed Status Spill (Misc. Spill Cause)
8	VACANT BUILDING	4849 ARTHURKILL ROAD	1542 feet to the SW	Closed Status Tank Failure
9	OUTERBRIDGE CROSSING	101 BOSCOMBE AVE	1681 feet to the S	Closed Status Tank Failure
13	CLOSED−LACKOF RECENT INFO	4865 ARTHUR KING RD	1710 feet to the SSW	Closed Status Tank Test Failure
38	TANK IFO NEW BUILDING	131 STORER AVE	1813 feet to the N	Closed Status Spill (Misc. Spill Cause)
29	AUTOSHOP	110 WINANT PL	1853 feet to the NW	Closed Status Spill (Unk/Other Cause)
30	ED MAYERS	120 WINANT PLACE	1951 feet to the NW	Closed Status Spill (Unk/Other Cause)
10	PRIVATE RESIDENCE	140 WEINER STREET	2325 feet to the SSE	Closed Status Tank Failure
31	37 SALAMANDER CT	37 SALAMANDER CT	2538 feet to the NE	Closed Status Spill (Unk/Other Cause)

1	NASSAU RECYCLING CORP.	286 RICHMOND VALLEY ROAD	2701 feet to the SSW	NYSDEC Inactive Haz Waste Disposal Site
2	PORT MOBIL TERMINAL	4101 ARTHURKILL RD	4213 feet to the NNW	RCRA Corrective Action Site

Toxics Targeting
1 Mile Buffer Search Map

Charleston

Staten Island, NY 10309

Scale: 1 inch = 1988 feet

Richmond County

National Priority List (NPL)

Inactive Hazardous Waste Disposal Registry Site

Inact. Haz Waste Disp. Registry Qualifying

RCRA Corrective Action Facility

Subject Area

Waterbody

County Border

Railroad Tracks

1 Mile Radius

1/2 Mile Radius

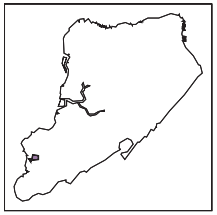
1/4 Mile Radius

1/8 Mile Radius

Toxics Targeting
1/2 Mile Buffer Search Map

Charleston

Staten Island, NY 10309



Richmond County

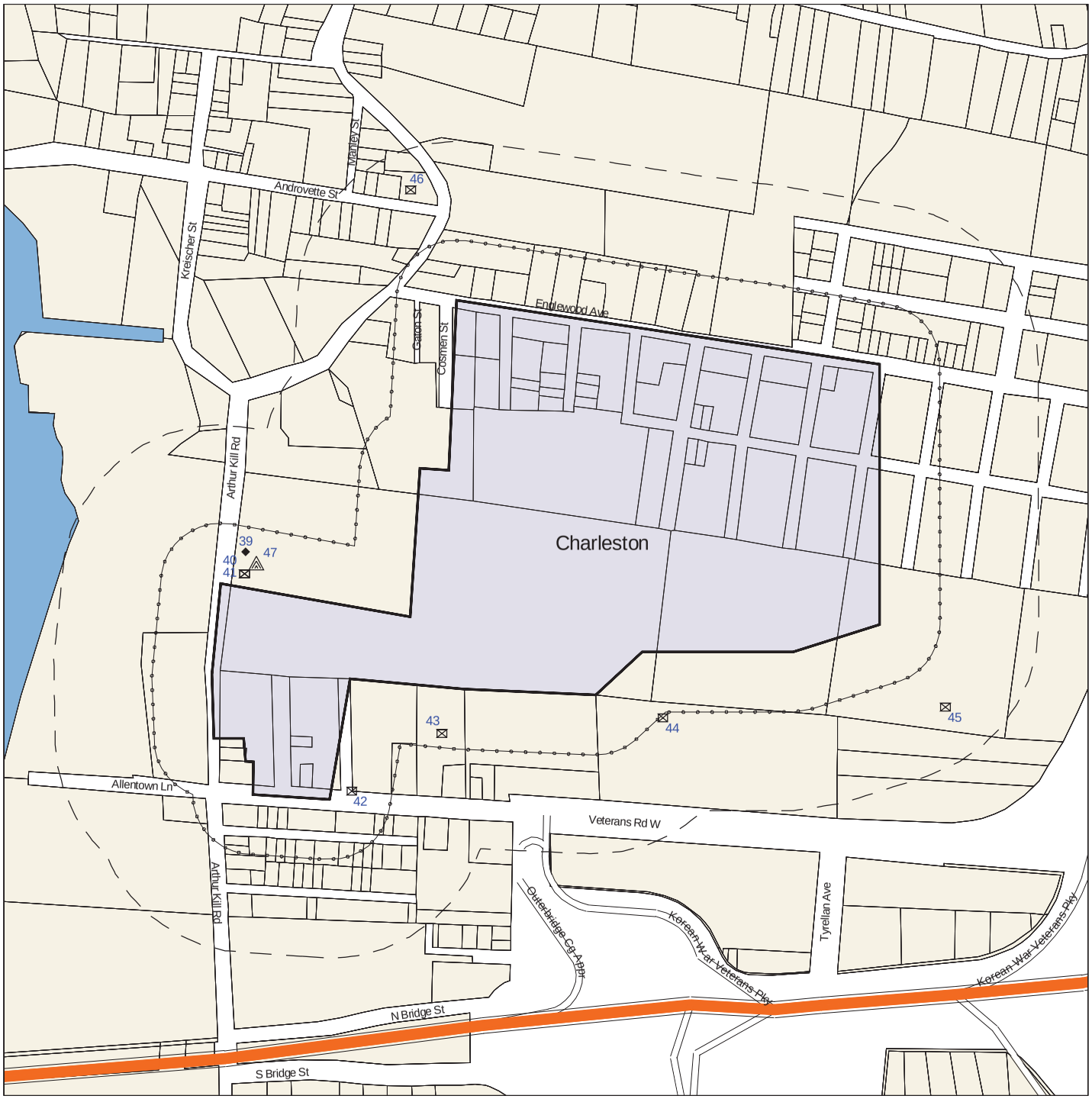
- Delisted NPL Site
- CERCLIS Superfund Non-NFRAP Site
- CERCLIS Superfund NFRAP Site
- Hazardous Waste Treater, Storer, Disposer
- Hazardous Substance Waste Disposal Site
- Solid Waste Facility
- Brownfields Site
- Hazardous Material Spill
- Subject Area
- Waterbody
- County Border
- Railroad Tracks
- 1 Mile Radius
- 1/2 Mile Radius
- 1/4 Mile Radius
- 1/8 Mile Radius

Scale: 1 inch = 1201 feet

Toxics Targeting
1/8 Mile Buffer Search Map

Charleston

Staten Island, NY 10309



Richmond County

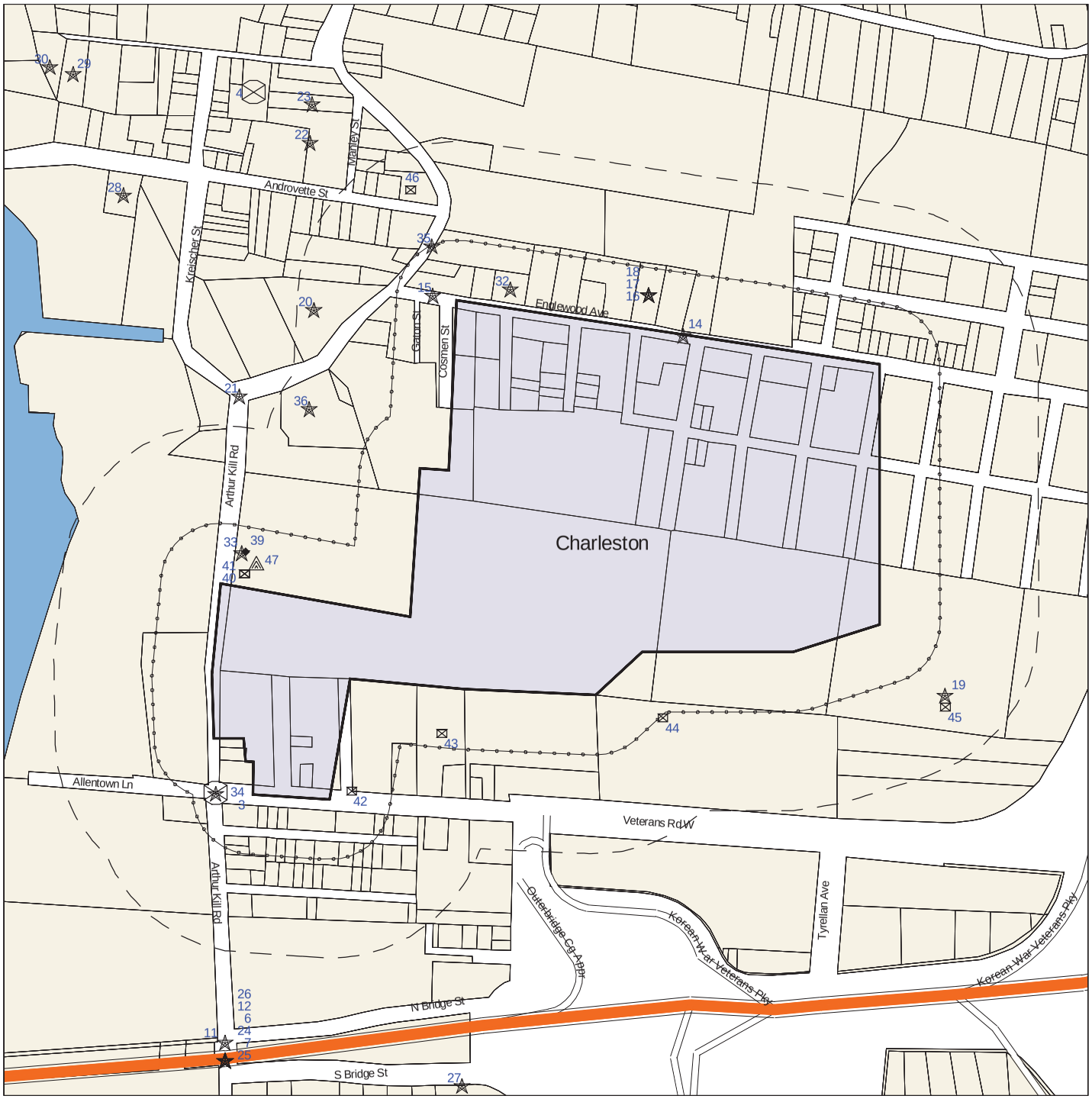
- Major Oil Storage Facility
- Chemical Storage Facility
- Toxic Release
- Wastewater Discharge
- Hazardous Waste Generator, Transp.
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Petroleum Bulk Storage Facility
- Historic Utility Site
- Subject Area
- County Border
- 1/8 Mile Radius
- Waterbody
- Railroad Tracks
- 250 Foot Radius

Scale: 1 inch = 610 feet

Toxics Targeting
1/8 Mile Buffer Closeup Map

Charleston

Staten Island, NY 10309



Richmond County

- National Priority List (NPL) *
- Delisted NPL Site **
- CERCLIS Superfund Non-NFRAP Site **
- CERCLIS Superfund NFRAP Site **
- Inactive Hazardous Waste Disposal Registry Site *
- Inact. Haz Waste Disp. Registry Qualifying *
- Hazardous Waste Treater, Storer, Disposer **
- RCRA Corrective Action Facility *
- Hazardous Substance Waste Disposal Site **
- Solid Waste Facility **
- Major Oil Storage Facility ****
- Brownfields Site **
- Chemical Storage Facility ****
- Hazardous Material Spill **
- Toxic Release ****
- Wastewater Discharge ****
- Petroleum Bulk Storage Facility ****
- Hazardous Waste Generator, Transp. ****
- Historic Utility Site ****
- Enforcement Docket Facility ****
- Air Release ****
- Env Qual Review E Designation *****
- Remediation Site Borders
- Subject Area
- Waterbody
- County Border
- Railroad Tracks
- 1/8 Mile Radius
- 250 Foot Radius

Scale: 1 inch = 610 feet

* 1 Mile Search Radius

** 1/2 Mile Search Radius

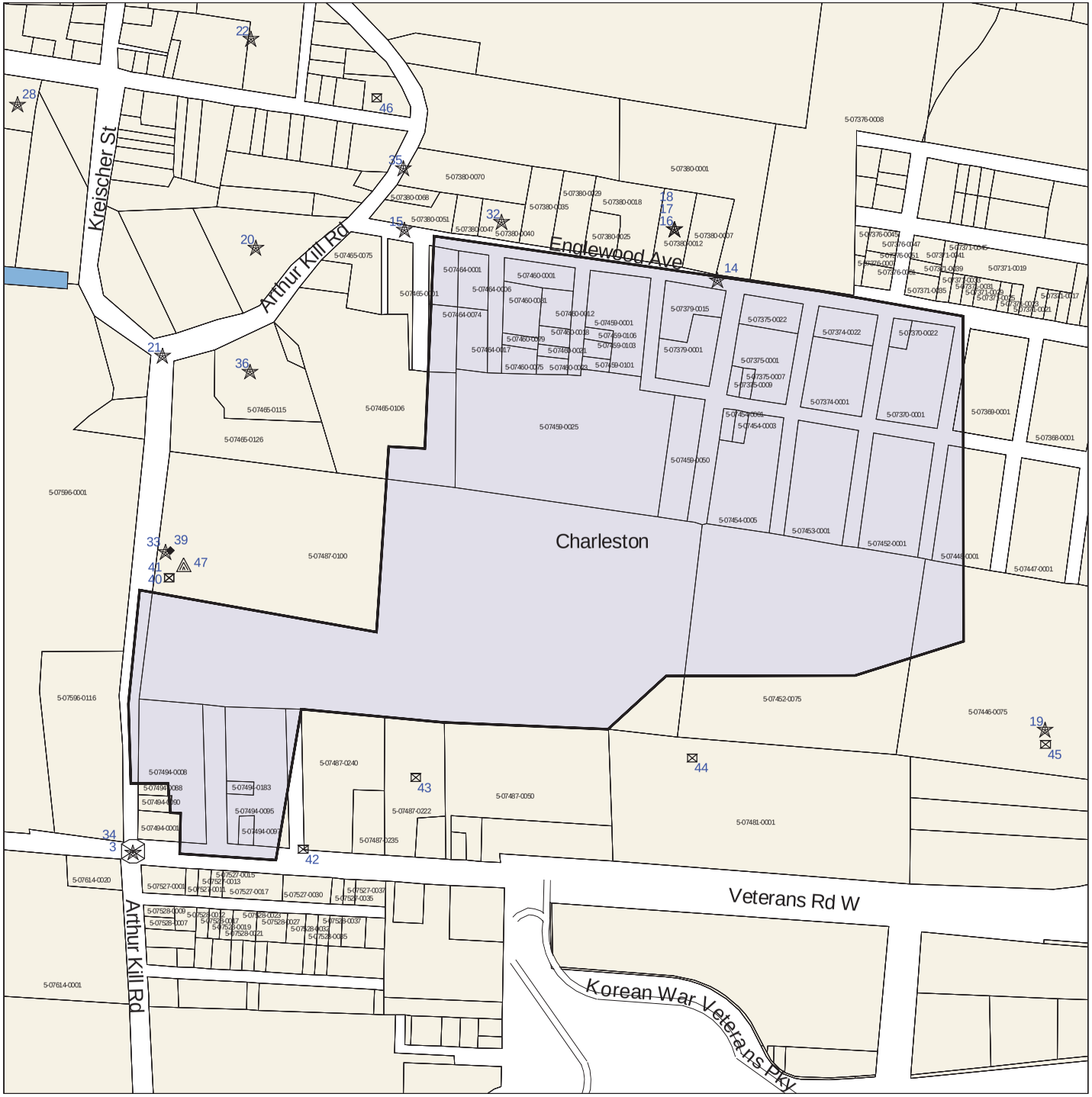
**** 1/8 Mile Search Radius

***** Onsite Search (250 Ft)

Toxics Targeting
Tax Parcel Map

Charleston

Staten Island, NY 10309



Richmond County

- National Priority List (NPL)
- Delisted NPL Site
- CERCLIS Superfund Non-NFRAP Site
- CERCLIS Superfund NFRAP Site
- Inactive Hazardous Waste Disposal Registry Site
- Inact. Haz Waste Disp. Registry Qualifying
- Hazardous Waste Treater, Storer, Disposer
- RCRA Corrective Action Facility
- Hazardous Substance Waste Disposal Site
- Solid Waste Facility
- Major Oil Storage Facility
- Brownfields Site
- Chemical Storage Facility
- Hazardous Material Spill
- Toxic Release
- Wastewater Discharge
- Petroleum Bulk Storage Facility
- Hazardous Waste Generator, Transp.
- Historic Utility Site
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Remediation Site Borders
- Subject Area
- Waterbody
- County Border
- Railroad Tracks

Scale: 1 inch = 488 feet

Tax arcel Information Table

Charleston
Staten Island, NY 10309

Subject arcel or arcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
5-07369-0001	ALICE STREET	DEPT OF GENERAL SERVI	M1-1	V1	0		119250	68000
5-07370-0001	CLAUDE STREET	DEPT OF GENERAL SERVI	M1-1	V1	0		186300	62000
5-07370-0022	ENGLEWOOD AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		21060	6000
5-07374-0001	BURR AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		168300	48000
5-07374-0022	BURR AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		70200	20000
5-07375-0001	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		140400	40000
5-07375-0007	CADY AVENUE	BLOCK 7375 CORP	M1-1	V1	0		14040	4000
5-07375-0009	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		14040	4000
5-07375-0022	ENGLEWOOD AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		70200	20000
5-07379-0001	CADY AVENUE	ENGLEWOOD MANOR INC C	M1-1	V1	0		133200	38000
5-07379-0015	PEMBINE STREET	DEPT OF GENERAL SERVI	M1-1	V1	0		115200	32800
5-07446-0075	BAXTER STREET	DEPT OF GENERAL SERVI	M1-1	V1	0		2029500	506625
5-07448-0001	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		307350	78600
5-07452-0001	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		307350	78600
5-07452-0075	CLAUDE STREET	DEPT OF GENERAL SERVI	M1-1	V1	0		2191500	546700
5-07453-0001	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		307350	78600
5-07454-0001	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V9	0		15615	4000
5-07454-0003	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V9	0		15615	4000
5-07454-0005	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		275400	70600
5-07459-0001	ENGLEWOOD AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		210600	54000
5-07459-0025	BAYNE AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		1183500	294620
5-07459-0050	BAYNE AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		157500	40300
5-07459-0101	3 STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		16020	4000
5-07459-0103	3 STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		23535	6000
5-07459-0106	3 STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		16020	4000
5-07460-0001	ENGLEWOOD AVENUE	DEPT OF GENERAL SERVI	M1-1	V9	0		90000	23100
5-07460-0012	3 STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		47250	12000
5-07460-0018	3 STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		23535	6000
5-07460-0021	3 STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		16020	4000
5-07460-0023	3 STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		23535	6000
5-07460-0075	COSMEN STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		37575	9600
5-07460-0079	COSMEN STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		19035	4880
5-07460-0081	COSMEN STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		79650	20320
5-07464-0001	30 ENGLEWOOD AVENUE	S SZASZ	M1-1	A2	1	1955	27192	20100
5-07464-0006	40 ENGLEWOOD AVENUE	THE MANGAN/SZASZ LIVI	M1-1	A2	1	1955	26867	20100
5-07464-0017	COSMEN STREET	DEPAULIS HLDG CO	M1-1	V1	0		45000	18000
5-07464-0074	40 GATON STREET	ALBERT VITALE	M1-1	E4	1	2000	81450	20188
5-07465-0106	4484 ARTHUR KILL ROAD	COL RIFLE&PISTOL CLUB	M1-1	P9	1	1959	332820	278000
5-07487-0100	ARTHUR KILL ROAD	DEPT OF GENERAL SERVI	M1-1	V1	0		4207500	1413522
5-07494-0008	VETERANS ROAD WEST	DEPT OF GENERAL SERVI	M1-1	V1	0		338400	75000
5-07494-0095	VETERANS ROAD WEST	DEPT OF GENERAL SERVI	M1-1	V1	0		370800	82200
5-07494-0097	VETERANS ROAD WEST	DEPT OF GENERAL SERVI	M1-1	V1	0		16920	3760
5-07494-0183	BECKMAN STREET	DEPT OF GENERAL SERVI	M1-1	V9	0		18045	4000

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BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
5-07368-0001	CADY AVENUE	DEPT OF GENERAL SERVI	M1-1	V1	0		119250	68000

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
5−07371−0017	ENGLEWOOD AVENUE	DEPT OF GENERAL SERVI	M1−1	V8	0		3006	4000
5−07371−0019	ENGLEWOOD AVENUE	NEW YORK STATE OWNED	PARKNY	Q0	0		33075	44000
5−07371−0021	ENGLEWOOD AVENUE	NEW YORK STATE OWNED	PARKNY	Q0	0		3006	4000
5−07371−0023	ENGLEWOOD AVENUE	NEW YORK STATE OWNED	PARKNY	Q0	0		10035	4000
5−07371−0025	ENGLEWOOD AVENUE	NEW YORK STATE OWNED	PARKNY	Q0	0		20025	8000
5−07371−0029	ENGLEWOOD AVENUE	NEW YORK STATE OWNED	PARKNY	Q0	0		15030	4000
5−07371−0031	ENGLEWOOD AVENUE	NEW YORK STATE OWNED	PARKNY	Q0	0		15030	4000
5−07371−0033	ENGLEWOOD AVENUE	NEW YORK STATE OWNED	PARKNY	Q0	0		15030	4000
5−07371−0035	KENT STREET	NEW YORK STATE OWNED	PARKNY	Q0	0		30060	8000
5−07371−0039	KENT STREET	NEW YORK STATE OWNED	PARKNY	Q0	0		15030	4000
5−07371−0041	KENT STREET	NEW YORK STATE OWNED	PARKNY	Q0	0		30060	8000
5−07371−0045	HARGOLD AVENUE	NEW YORK STATE OWNED	PARKNY	Q0	0		15030	4000
5−07376−0001	ENGLEWOOD AVENUE	LOMBARDI JOHN	M1−1	V1	0		30060	8000
5−07376−0007	ENGLEWOOD AVENUE	THE FAMULARO REV FAMI	M1−1	V1	0		10170	2700
5−07376−0008	ENGLEWOOD AVENUE	NORTH AMERICAN FOREIG	PARKNY	Q0	0		900000	359370
5−07376−0045	HARGOLD AVENUE	THE FAMULARO REV FAMI	M1−1	V1	0		15030	4000
5−07376−0047	HARGOLD AVENUE	THE FAMULARO REV FAMI	M1−1	V1	0		30060	8000
5−07376−0051	KENT STREET	THE FAMULARO REV FAMI	M1−1	V1	0		14040	4000
5−07380−0001	ENGLEWOOD AVENUE	NORTH AMERICAN FOREIG	M1−1	V1	0		463500	168577
5−07380−0007	107 ENGLEWOOD AVENUE	DONTIS NICHOLAS	M1−1	C0	2	1915	20528	31617
5−07380−0012	97 ENGLEWOOD AVENUE	JOANNE LUCIANO	M1−1	B2	1	1915	17002	25500
5−07380−0018	65 ENGLEWOOD AVENUE	ALBANO PETER	M1−1	S1	5	1940	78624	45329
5−07380−0025	61 ENGLEWOOD AVENUE	A−1 HOUSING CORP	M1−1	G2	1	1988	59850	14602
5−07380−0029	55 ENGLEWOOD AVENUE	R N R DEVELOPERS LLC	M1−1	O9	1	2000	59400	26280
5−07380−0035	49 ENGLEWOOD AVENUE	ENGLEWOOD MNGT LLC	M1−1	E1	1	1999	204750	26775
5−07380−0040	43 ENGLEWOOD AVENUE	BLOCK 7380 CONSTRUCTI	M1−1	A1	2	1915	17418	19600
5−07380−0047	31 ENGLEWOOD AVENUE	U C P OF NEW YORK INC	M1−1	N9	1	1960	17145	11070
5−07380−0051	21 ENGLEWOOD AVENUE	MC CUSKER, KEVIN	M1−1	S1	1	1930	31680	28054
5−07380−0068	4426 ARTHUR KILL ROAD	J SMITH CONSTRUCTION	M1−1	B2	2	1910	13684	8260
5−07380−0070	4414 ARTHUR KILL ROAD	ARENA ENRICO	M1−1	G9	1	1983	193050	53890
5−07447−0001	CADY AVENUE	DEPT OF GENERAL SERVI	M1−1	V1	0		308250	78800
5−07465−0001	ENGLEWOOD AVENUE	JPR GROUP HOLDINGS IN	M1−1	V1	0		117000	26000
5−07465−0075	4442 ARTHUR KILL ROAD	HANSON REALTY LLC	M1−1	O9	1	1990	441450	33621
5−07465−0115	4500 ARTHUR KILL ROAD	STATEN ISLAND LAND DE	M1−1	A7	3	1899	56640	81102
5−07465−0126	ARTHUR KILL ROAD	STATEN ISLAND LAND DE	M1−1	V1	0		185400	123200
5−07481−0001	VETERANS ROAD WEST	DEPT OF GENERAL SERVI	M1−1	V1	0		1552500	402570
5−07487−0050	3001 VETERANS ROAD WEST	OTTAVIO SAVO	M1−1	V1	0		517500	172480
5−07487−0222	3026 VETERANS ROAD WEST	SOUTH SHORE SAFE STOR	M1−1	E7	1	1997	535500	76390
5−07487−0235	3030 VETERANS ROAD WEST	GRACE FURSTMAN ETUX	M1−1	E1	1	1991	176850	20000
5−07487−0240	VETERANS ROAD WEST	ROSE DACHILLE	M1−1	V1	0		380700	106540
5−07494−0001	VETERANS ROAD WEST	JOHN&S.IPPOLITO	M1−1	V1	0		60300	13280
5−07494−0088	ARTHUR KILL ROAD	ANTONIO P RODRIGUES	M1−1	V1	0		18585	4000
5−07494−0090	ARTHUR KILL ROAD	DEPT OF GENERAL SERVI	M1−1	V9	0		32085	7200
5−07527−0001	VETERANS ROAD WEST	GIBBYBUNKPORT, L P	M1−1	V9	0		32580	13468
5−07527−0011	VETERANS ROAD WEST	GIBBYBUNKPORT, L P	M1−1	V9	0		14445	3600
5−07527−0013	VETERANS ROAD WEST	GIBBYBUNKPORT, L P	M1−1	V1	0		14265	3560
5−07527−0015	VETERANS ROAD WEST	GIBBYBUNKPORT, L P	M1−1	V9	0		14265	3560
5−07527−0017	3139 VETERANS ROAD WEST	DEPARTMENT OF HEALTH	M1−1	Y8	1	1994	301500	17600
5−07527−0030	2514 VETERANS ROAD WEST	JMB REALTY HOLDING CO	M1−1	F9	2	1905	89550	13820
5−07527−0035	VETERANS ROAD WEST	GIBBYBUNKPORT, L P	M1−1	V1	0		13770	3440
5−07527−0037	VETERANS ROAD WEST	FRANK CARNESI	M1−1	V9	0		13635	3400
5−07528−0007	4720 ARTHUR KILL ROAD	RICHARD L. BROWN	M1−1	A2	1	1901	6220	4000

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
5−07528−0009	ARTHUR KILL ROAD	DEPT OF GENERAL SERVI	M1−1	V9	0		11025	4000
5−07528−0012	SCHMIEG AVENUE	DEPT OF GENERAL SERVI	M1−1	V9	0		20790	5928
5−07528−0017	SCHMIEG AVENUE	DEPT OF GENERAL SERVI	M1−1	V9	0		14040	4000
5−07528−0019	SCHMIEG AVENUE	OTTAVIO SAVO	M1−1	V9	0		14040	4000
5−07528−0021	SCHMIEG AVENUE	OTTAVIO SAVO	M1−1	V9	0		14040	4000
5−07528−0023	SCHMIEG AVENUE	OTTAVIO SAVO	M1−1	V9	0		27540	8000
5−07528−0027	SCHMIEG AVENUE	OTTAVIO SAVO	M1−1	V9	0		34065	10000
5−07528−0032	SCHMIEG AVENUE	OTTAVIO SAVO	M1−1	V1	0		20565	6000
5−07528−0035	SCHMIEG AVENUE	OTTAVIO SAVO	M1−1	V9	0		14040	4000
5−07528−0037	SCHMIEG AVENUE	OTTAVIO SAVO	M1−1	V9	0		14040	4000
5−07596−0001	ARTHUR KILL ROAD	PC GROUP LLC	R3−2 M1−1	V1	0		891001	3047018
5−07596−0116	4675 ARTHUR KILL ROAD	PC GROUP LLC	R3−2	V1	0		522000	138100
5−07614−0001	4741 ARTHUR KILL ROAD	CHRISTIAN A. BROWN	M3−1	E4	1	1931	208800	773190
5−07614−0020	4707 ARTHUR KILL ROAD	CAROL A. BUSHNELL	M3−1	F4	1	1931	160650	21700

Section Two: Toxic Site Profiles

The heading of each *Toxic Site Profile* refers to the site's map location and details:

- The facility name, address, city, state, and zip code.
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see ***How Sites are Located***, at the end of this section for more information).

Toxic Site Profiles summarize information provided by site owners or operators and government agencies regarding various toxic chemical activities reported at each site, such as:

- Whether chemicals were stored, produced, transported, discharged or disposed of.
- The name of chemicals and their Chemical Abstract Series (CAS) numbers.
- The amount of chemicals and the units (gallons/pounds) the chemical was measured in.
- Whether the site or storage tanks at the site are currently active or inactive.
- Special codes used by government agencies to regulate hazardous waste activities at some sites, or a complete description of the codes follows the profiles section.

For selected individual chemicals reported at various toxic sites, some potential health effect summary information appears below the site profile. Each potential health effect summary identifies chemicals by name and by Chemical Abstract Series (CAS) Number. An "x" under each potential health effect heading indicates positive toxicity testing results reported by the National Institute of Occupational Safety and Health's Registry of Toxic Effects of Chemical Substances (RTECS). Some chemicals (mostly appearing in profiles of Hazardous Waste facilities), are reported as mixtures, and RTECS health effect information is only available for individual chemicals. In addition, RTECS only provides information on approximately 100,000 common chemicals. Consequently, the absence of potential health effect summary information for a particular chemical identified in a Toxic Site Profile does not necessarily mean that the chemical does not pose potential health effects.

The Maximum Contaminant Level (MCL) in drinking water allowed for selected chemicals is also noted. In most cases, the only applicable MCL has been set by the New York State Department of Health (NYSDOH). Where NYSDOH has not set an MCL, the federal standard, if one exists, is listed and is marked by an asterisk.

Presented below are column headings that describe the health effect definitions used in RTECS and applicable New York State and federal drinking water standards. Reference sources for information presented in this section are also provided.

ACUTE TOX: **Acute Toxicity**: Short-term exposure to this chemical can cause lethal and non-lethal toxicity effects not included in the following four categories.

TUMOR TOX: **Tumorigenic Toxicity**: The chemical can cause an increase in the incidence of tumors.

MUTA TOX: **ut genic Toxicity**: The chemical can cause genetic alterations that are passed from one generation to the next.

REPRO TOX: **e ro ucti e Toxicity**: May signify one of the following effects: maternal effects, paternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, or effects on the newborn (only positive reproductive effects data for mammalian species are referenced).

IRRIT TOX: **Prim ry rrit nt**: The chemical can cause eye or skin irritation.

MCL: **rin ing ter St n r ximum ont min nt e el** (MCL) listed under Drinking Water Supplies, 10 NYCRR Part , Subparts 1. 1(f),(g), and (h) for NYDOH MCL's and under the Safe Drinking Water Act, 0 CFR 1 1, Subparts and , (indicates value for total trihalomethanes) for federal MCL's.

Reference Source for Toxicity Information: Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (on-line database) For further information, contact: NIOSH, Columbia Parkway, Cincinnati, OH, , 00/ -NIOSH.

Reference Source for Drinking Water Standards: New York State Department of Health, ureau of Toxic Substances Assessment, University Place, Room 0, Albany, NY 1 0 , 1 / - .

U.S. Environmental Protection Agency, Office of Drinking Water, 01 M St SW, Mailstop WH- , Washington, DC, 0 0, 0 / 0- 00.

Inactive Hazardous Waste Disposal Site Classifications:

1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required
-- Significant threat to the public health or environment -- action required
-- Does not Present a significant threat to the environment or public health -- action may be deferred
-- Site properly closed --requires continued management
-- Site properly closed, no evidence of present or potential adverse impact -- no further action required
a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law
A -- Work underway and not yet complete
P -- Potential Site
D1, , -- Delisted Site (1: hazardous waste not found : remediated : consolidated site or site incorrectly listed)
C -- Remediation Complete (formerly D).

NO NATIONAL PRIORITIES LIST (NPL) SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY−QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 1 **NASSAU RECYCLING CORP.** **Facility Id: 243004**
286 RICHMOND VALLEY ROAD STATEN ISLAND, NY TT−Id: 120A−0003−174

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING − LARGE SITE
Approximate distance from property: 2701 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10307

This facility has been deleted from the reported data. Data reflects last reported information.

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 243004
CLASSIFICATION CODE: C REGION: 2 DEC ID: 55931
CLASSIFICATION CODE DESCRIPTION:
Remediation Complete (formerly D2). Sites may still require some degree of site management associated with either operation, maintenance, and monitoring or with institutional/engineering controls (IC/ECs).

NAME OF SITE: Nassau Recycling Corp.
STREET ADDRESS: 286 Richmond Valley Road TOWN: New York City
CITY: Staten Island ZIP: COUNTY: Richmond

SITE TYPE: Dump− Structure− Lagoon− Landfill−X Treatment Pond− ESTIMATED SIZE: 42.000 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
NYD086225596	EPA Site ID
V00159	VC Site ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):
NAME: NASSAU RECYCLING CORP. Owner Type: Corporate or Commercial
ADDRESS: 286 RICHMOND VALLEY RD.
STATEN ISLAND, NY 10309

NAME: Nassau Recycling Corp.
ADDRESS: 286 Richmond Valley Road
Staten Island, NY 10309

OWNER(S) DURING DISPOSAL:
NAME: NASSAU RECYCLING CORP.
ADDRESS:

SITE DESCRIPTION:
The site is located in the western part of Staten Island just south of the Outerbridge Crossing. The site is bordered by tidal wetlands to the east and west, to the north by Richmond Valley Rd.(residential and commercial), the south by Nassau Place (residential) and the Staten Island Railroad. Mill Creek runs east-west across the property and divides the site. Page Avenue runs over the site (commercial properties). Between 1900 and the 1970's, portions of the site which had been low lying areas were filled with various materials. The site had such activities as lead refining and copper smelting. In the 1990's a building was constructed on the northern portion of the site for electroplating manufacturing, but all industrial operations ceased in 2001. All of the old buildings have been demolished. An investigation was completed in 1998 and a remedial action work plan was finalized in January 2002. The goal of the remediation is to encapsulate the hazardous fill and to minimize human and environmental exposure pathways. The remediation of the site will consist of the following: encapsulation of the upland areas of the site, placement of a bulkhead on the southern bank of Mill Creek (between Arthur Kill Road and Page Avenue), bank stabilization (using geotextiles and a soil cap) of the northern bank of Mill Creek, removal of one foot of contaminated sediment from Mill Creek (to be stabilized and placed on-site), capping of Mill Creek with one foot of clean sediment, and implementation of a deed restriction. Since hazardous wastes will be left on site (encapsulated) and continuous monitoring will be required, the Site will be listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites as a Class 4 at the time remedial work is satisfactorily completed. The mobilization for remediation began in September 2006. This site is now being managed under the Voluntary Cleanup Program as site no. V00159. See that listing for further details.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
LEAD	UNKNOWN
POTASSIUM-GOLD-CYANIDE SPENT SOLUTION	6,000 G STORAGE CAPACITY
CONTINUOUS CAST WASTE LIQUID SOLUTION	9,600 G STORAGE CAPACITY
DENATURED SLUDGE CONTAINING TRACES OF METALS	600 YDS. 3/YEAR
AND METAL HYDROXIDES.	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
The site has a significant volume of hazardous waste. Approximately 400,000 cu yd of soil is contaminated with hazardous levels of lead. The sediment in Mill Creek also contains high levels of metals. This site is now being managed under the Voluntary Cleanup Program as site no. V00159.

ASSESSMENT OF HEALTH PROBLEMS:
NYSDOH has insufficient information to fully evaluate the potential for human exposures.

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air–	Surface Water–	Groundwater–	Soil–	Sediment–
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater–	Drinking Water–	Surface Water–	Air–	

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:		State–	Federal–
STATUS:	Negotiation in Progress–		Order Signed–	
REMEDIAL ACTION:	Proposed–	Under Design–	In Progress–	Completed–
NATURE OF ACTION:				

RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 2 **POR MO IL ERMINAL** **Facility Id: NY 000 24 1**

4101 ARTHURKILL RD STATEN ISLAND, NY 10307 TT−Id: 220A−0044−041

EPA (RCRA) Name: EXXON MOBIL PORT MOBIL TERMINAL

EPA (RCRA) Address: 4101 ARTHUR KILL RD SITE 1 STATEN ISLAND, NY 10309

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING − LARGE SITE
Approximate distance from property: 4213 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10309

GENERATOR TYPE: Small Quantity Generator − X Large Quantity Generator − Treatment, Storer, Disposal Facility − X

HANDLERS WITH CORRECTIVE ACTION ACTIVITY (CORRACTS)

CORRACTS EVENT CODE	CORRACTS DATE	CORRACTS EVENT DESCRIPTION
HQCA010	01/09/1992	RFA INITIATION
HQCA060	06/11/1992	NOTICE OF CONTAMINATION
HQCA050	07/15/1993	RFA COMPLETED
HQCA100DC	08/05/1993	RFI IMPOSITION−FOCUSED DATA COLLECTION REQ STAB EVAL
HQCA070YE	02/25/1994	DETERMINATION OF NEED FOR A RFI−RFI IS NECESSARY
HQCA075HI	06/20/1994	CA PRIORITIZATION−HIGH CA PRIORITY
HQCA225YE	07/12/1994	STABILIZATION MEASURES EVALUATION−FACILITY IS AMENABLE TO STABILIZATION
HQCA110	03/10/1995	INVESTIGATION WORKPLAN RECEIVED
HQCA120	05/03/1995	INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
02CA605	06/20/1995	INTERIM MEASURES PLAN RECEIVED
02CA610	10/19/1995	INTERIM MEASURES PLAN APPROVED
HQCA140	11/02/1995	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
02CA145	11/16/1995	RFI WORKPLAN RESUBMITTED
HQCA155	12/13/1995	INVESTIGATION SUPPLEMENTAL INFO REQ BY AGENCY
HQCA160	03/18/1996	INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED
HQCA150	03/29/1996	RFI WORKPLAN APPROVED
HQCA180	04/15/1996	INVESTIGATION IMPLEMENTATION BEGUN
HQCA600SR	05/07/1997	STABILIZATION MEASURES IMPLEMENTED−PRIMARY MEAS IS SOURCE REMOVL &/OR TRT
HQCA190	07/02/1997	INVESTIGATION REPORT RECEIVED
02CA615	07/30/1997	INTERIM MEASURES IMPLEMENTED/BEGUN

02CA620	08/01/1997	INTERIM MEASURES PROGRESS RPTS RECEIVED
HQCA650	09/26/1997	STABILIZATION CONSTRUCTION COMPLETED
HQCA725YE	06/30/2003	HUMAN EXPOSURES CONTROLLED DETERMINATION−YES, APPLICABLE AS OF THIS DATE
HQCA750YE	09/30/2003	RELEASE TO GW CONTROLLED DETERMINATION−YES, APPLICABLE AS OF THIS DATE
HQCA260	12/08/2009	CMS WORKPLAN RECEIVED
02CA220	05/11/2010	RFI FINAL REPORT RECEIVED
HQCA270	06/11/2010	CMS WORKPLAN MODIFICATION REQ BY AGENCY
HQCA300	07/14/2010	CMS WORKPLAN APPROVED

The following corrective action(s) has been deleted from the corracts database. Data reflects last reported information.

HQCA050	08/05/1993	RFA COMPLETED

NO CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO ROWNFIELDS SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 3 **O N IPPOLI O RUC ING** **Facility Id: 43 03**

ARTHUR KILL & VETERAN RD WEST STATEN ISLAND TT-Id: 380A-0002-490

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 155 feet to the WSW*

ADDRESS CHANGE INFORMATION
Revised street: ARTHUR KILL RD / VETERANS RD W
Revised zip code: 10309

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		C&D PROCESSING FACILITY	Registered	DIRT, TOPSOIL, ROCK

Map Identification Number 4 **OMEGA CAR ING** **Facility Id: 43 1**

NO ADDRESS INFORMATION PROVIDED TT-Id: 380A-0002-492

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1210 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 38 WINANT PLACE
Revised zip code: 10309

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		LARGE TRANSFER STATION (>50000 CY/YR)	None	Demolition

Map Identification Number **E. G. CLEMEN E CON RAC IN** **Facility Id: 43 3**

S BRIDGE ST BLOCK 7584 LOT 122 STATEN ISLAND TT-Id: 380A-0002-523

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1306 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: S BRIDGE ST
Revised zip code: UNKNOWN

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		C&D PROCESSING FACILITY	Registered	soil, concrete, rock, asphalt, pavement

NO HAZARDOUS WASTE TREATMENT STORAGE DISPOSERS IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS

HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

1) Tank Failures
2) Tank Test Failures
3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
4) Miscellanous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

5) Tank Failures
6) Tank Test Failures
7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
8) Miscellanous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

All spills within each spill cause category are presented in order of proximity to the subject site address.

Plea e note t at pill reported it in 0.2 mile or one ei t mile in Ne Yor City are mapped and profiled.

et een 0.2 mile or one ei t mile in Ne Yor City and 0. mile only t e follo in pill are mapped and profiled:

* Tank Failures;

* Tank Test Failures;

* Unknown Spill Cause or Other Spill Cause;

* Spills greater than 100 units of quantity; and

* Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellanous Spills with less than 100 units located between 0.25 mile (or one−eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.

NO ACTIVE TAN FAILURES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO ACTIVE TAN TEST FAILURES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO ACTIVE UN NOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO ACTIVE HAZARDOUS SPILLS − MISC SPILL CAUSES − EQUIPMENT FAILURE HUMAN ERROR TAN OVERFILL DELI ERATE SPILL TRAFFIC ACCIDENT HOUSE EEPING A ANDONED DRUM AND VANDALISM − IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

All pill mapped and profiled it in 1 mile. et een 1 mile and 1 2 mile earc radiu pill reported to be reater t an 100 unit and pill reported in t e NYS EC Fall 1 M E Sur ey are mapped and profiled. Spill reported to be le t an 100 unit are li ted in a table at t e end of t i ection.

E FOLLO ING AC I E SPILLS FOR IS CA EGORY ERE REPOR E E EEN 1 MILE AN 1 2 MILE SEARC RA IUS FROM E SU EC A RESS. ESE SPILLS ERE REPOR E O E LESS AN 100 UNI S IN UAN I Y AN CAUSE Y: E UIPMEN FAILURE UMAN ERROR AN O ERFILL ELI ERA E SPILL RAFFIC ACCI EN OUSE EEPING A AN ONE RUM OR AN ALISM. ESE SPILLS ARE NEI ER MAPPE NOR PROFILE IN IS REPOR .

FACILITY ID	FACILITY NAME	STREET	CITY
No dropped spills found for this category			

CLOSED STATUS TAN FAILURES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

Please Note: * − Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number **OU ER RI GE CROSSING** **Spill Number: 040** **Clo e ate: 0 0 1**
ARTHUR KILL ROAD STATEN ISLAND, NY TT−Id: 520A−0144−823

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1104 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: OUTERBRIDGE CROSSING / ARTHUR KILL RD
Revised zip code: 10309

Source of Spill: NON−MAJOR FACILITY (>1100 GAL)
Notifier Type: Responsible Party
Caller Name: LARRY PANZICA
DEC Investigator: SIGONA

Spiller: LARRY − PORT AUTHORITY
Notifier Name: SAME
Caller Agency: PORT AUTHORITY
Contact for more spill info: LARRY PANZICA

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 390−2560
Contact Person Phone: (718) 390−2560

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/30/1998		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Port Authority was upgrding a tank and found contaminated soil. The soil has not been picked up or cleaned.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

e follo in EC In e ti ator Remar ere a ailable prior to 1 1 2002:

DEC (Sigona)performed site visit at time of report. However, during August 1999, Port Authority removed the UST and replaced and reported new spill number under Spill No. 9905613. Therefore, this case has been closed and spill investigation will be handled under new spill number.

Map Identification Number **POR AU ORI Y OU ER R G** **Spill Number: 10 0** **Clo e ate: 02 2 200**
OUTERBRIDGE CROSSING STATEN ISLAND, NY TT−Id: 520A−0144−824

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1104 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10309

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: PORT AUTHORITY Spiller Phone:
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: SANDRA MCCULLAUGH Caller Agency: PORT AUTHORITY OF NY & NJ Caller Phone: (201) 216−6325
DEC Investigator: SFRAHMAN Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/01/1991		TANK FAILURE	2−043893	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	−1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

No prior spills staff assignment found

1/29/07 − Austin − Transferred from Albany assignment to Rahman in R−2 office for further work − end
02/27/07 Rahman−Referred to spill#9012142.File on edocs.

Map Identification Number **ACAN UIL ING** **Spill Number: 0 020** **Clo e ate: 12 1 200**
4849 ARTHURKILL ROAD STATEN ISLAND, NY TT−Id: 520A−0143−504

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1542 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4849 ARTHUR KILL RD
Revised zip code: 10309

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Local Agency
Caller Name: VINNIE LOVARI
DEC Investigator: JXZHAO

Spiller: VINNIE LOVARI − VACANT BUILDING
Notifier Name: VINNIE LOVARI
Caller Agency: ISLAND TANK CLEANERS
Contact for more spill info: VINNIE LOVARI

Spiller Phone: (718) 967−9424
Notifier Phone: (718) 967−9424
Caller Phone: (718) 967−9424
Contact Person Phone: (718) 967−9424

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/20/2005		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WAS A TANK REMOVAL. FILL LINES HAD HOLES IN IT AND PUMPED OUT THE PRODUCT. COUPLE YARDS IN THE SOIL THAT WAS CONTAIMINATED. TANKIS REMOVED.

DEC Investigator Remarks:

Contaminated Soil Letter sent to owner (Per City Tax Records):

Regional Island Realty
360 Bard Ave.
Staten Island, NY 10310−1666

6/1/2005 Received a letter from Vincent Lovari of Island Environmental Tank Maintenance Corp (718−967−9424) Says they pulled a 2,000 gal tank and found several holes along with contaminated soil. They are working with a geologist to prepare a work plan. When the job is complete they will forward a report (with manifest) to the DEC.

12/16/2005 − jz: Tank closure report was submitted by Island Tank. Contaminated soil has been removed and end−point samples results were below Guidance. Spill is closed

Map Identification Number **OU ER RI GE CROSSING** **Spill Number: 0 13** **Clo e ate: 10 03 200**
101 BOSCOMBE AVE STATEN ISLAND, NY TT−Id: 520A−0143−362

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (5)
Approximate distance from property: 1681 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10309

Source of Spill: NON−MAJOR FACILITY (>1100 GAL)
Notifier Type: Responsible Party
Caller Name: LAWRENCE PANZICA
DEC Investigator: rvketani

Spiller: LAWRENCE PANZICA − PORT AUTHORITY NYC
Notifier Name: LAWRENCE PANZICA
Caller Agency: PORT AUTHORITY NYC
Contact for more spill info: LAWRENCE PANZICA

Spiller Phone: (718) 390−2560
Notifier Phone: (718) 390−2560
Caller Phone: (718) 390−2560
Contact Person Phone: (718) 390−2560

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/09/1999		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

EXCAVATION DISCOVERED A POOL OF FUEL IN WATER AND IN THE SOIL−POSSIBLY FROM AN OLD STORAGE TANK. WILL REMEDIATE SPILL SITE

DEC Investigator 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 02/02/2004.

DEC (Sigona) spoke to Katie Keough on 8/30/99 at 10:30 A.M.− Spill reported two weeks ago is not from tank, accually from diesel powered emergency genator clean out drain line. The line drains water and spent fuel, when cleaned in previous years. The drained to floor, and there was product under the floor.

While excavating the suction and return lines for 1,000 gallon diesel UST and floor drains, found contaminated soil and pocket of free product. Product is centered near generator. Port Authority does not think it is a leak from tank rather the floor drain. Celluar (908)512−1342. DEC (Sigona) reassigned from Tomasello on 8/30/99.

DEC (Sigona) performed follow−up site inspection on 8/30/99 at 2 P.M. met Katie Keough on site. !,080 gallon tank removed placed on−site for inspection. Tank was installed in 1989−double walled fiberglass tank. Tank had visible hole 12" from the top, leak of water in secondary containment, no product loss. Groundwater at 6 feet. Gordon Environmental & Mechanical Corp. 2878 Gulf Avenue, Staten Island, N.Y. 10303 (800)92−Gordon. Licensed w/NYCFD.

4 sidewalss will be sampled collected on 8/30/99 sending samples to Hampton Clark Labs, STARS, VOCs, SVOCs, MTBE, TPH.

Excavated trench in basement to install O/W Separator found some historic fill and pet. contamination which is being sampled and tested.

Albany assignment: "jjdrumm"

Excavated floor drain in generator room, and found some free product on perched water table, (There is a tidal influence of approx. 3 feet). Port Authority will install a Groundwater MW in generator room if possible, by hand. 3 MWs will be installed around the diesel UST, which is being replaced (not disturbed) DEC Sigona left site at 2:45 P.M. 8/30/99

DEC Sigona performed a follow−up investigation on 9/3/99 met Brian Lokker (718)981−2945. Tank pull was complete. No product present in groundwater at bottom of tank excavation for 1.080 gallon emergency diesel UST. The new tank is on−site and secure. Took three photographs left site at 3:15 P.M.

It appears the records were destroyed on 9/11

Spill assigned to James Drumm for SCI
10/18/05 port authority installing new monitoring wells. Couldn't find old ones. Contact person is Danielle Mcgrath at 973 565 7563.000

9/7/06 − Austin − Assigned from Albany to Region 2 staff (Rahman) for review and closure − end

10/2/06 − Raphael Ketani. The original spill was reported as the discovery of oil and water in an excavation. The Port Authority contact is Lawrence Panzica (718) 390−2560. Today, I received the spill closure report from the Port Authority.

10/3/06 − Raphael Ketani. I reviewed the 9/28/06 spill closure report. I found the analytical results to be acceptable and the report, in general, to be acceptable. Based upon this document, I am closing the spill case.

Map Identification Number 10 **PRI A E RESI ENCE** **Spill Number: 0411** **Clo e ate: 12 23 200**
140 WEINER STREET STATEN ISLAND, NY TT−Id: 520A−0141−767

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 2325 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	PAUL DAVIS RESTORATION − PRIVATE RESIDENCE	Spiller Phone:	(718) 983−7065
Notifier Type:	Other	Notifier Name:	MELANIE BRONIS	Notifier Phone:	(718) 967−9424
Caller Name:	MELANIE BRONIS	Caller Agency:	ISLAND TANK ENVIRONMENTAL	Caller Phone:	(718) 967−9424
DEC Investigator:	RHFILKIN	Contact for more spill info:	PAUL DAVIS RESTORATION	Contact Person Phone:	(718) 983−7065

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/07/2005		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

BROKEN LINE AND OIL SPILLED INTO THE BASEMENT MIXED WITH WATER : ABOUT 1 FOOT DEEP:

DEC Investigator Remarks:

2/7/05 tipple updating///// Home is vacant, the spill was observed by Paul Davis Restoration on Thursday, Monday 2/7 Island tank was called to estimate cost for cleanup////
owner's cell−917−299−1029
Island vinny cell−718−509−7600
will followup 2/8/05

12/23/05 − Cleanup was completed requiring removal of wood, carpet, wallboard, etc., from basement. Current resident says there is no odor. Closed 12/23/05

2/10/04 4000gal oil/water mix removed, carpet to be removed and cleanup will be completed.

CLOSED STATUS TAN TEST FAILURES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

Please Note: * − Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 11 **OU ER RI GE CROSSING** **Spill Number: 0 01** **Clo e ate: 03 04 200**
ARTHURKILL/N.BRIDGE ROAD STATEN ISLAND, NY TT−Id: 520A−0141−304

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1029 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: ARTHUR KILL RD / NORTH BRIDGE ST
Revised zip code: 10309

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL) Spiller: LAWRENCE PANZICA − PORT AUTHORITY OF NY &NJ Spiller Phone: (718) 390−2560
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: KATY KEOUGH Caller Agency: PA OF NY & NJ Caller Phone: (201) 216−2722
DEC Investigator: SFRAHMAN Contact for more spill info: LAWRENCE PANZICA Contact Person Phone: (718) 390−2560

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/06/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
0f1	1000	Unknown	0.00	UNKNOWN

Caller Remarks:

tank has been empty since last spill report 9707691 tank was

upgraded and repaired but failed tank testing after repaired but

failed tank testing after repairs. no product loss was noted

since tank is empty

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
4/12/04−Vought−Spill transferred from Tomasello to Rommel as per Rommel.

11/1/05 − Transferred to Central Office Staff for review.

Follow up on the Tank Testing Failure needs to be completed before spill is closed.

Albany review (above) − datromp

1/29/07 − Austin − Transferred from Albany assignment to Rahman in R−2 office for further work − end

06/13/07 Jerry Caprario (Port Authority)@(973)565−7563 is currently working to gather information about what happened/done on this spill case.(SR)

10/08/08 Rec'd voice mail from William Glynn,PA @(973)565−7565 that funding for spill investigation is approved.(sr)

01/13/09 Report in edocs,will be reviewed.(sr)

03/04/09 Reviewing report. A 1,000 gallon fiberglass doublewall UST was installed at the north side of abutment building,labeled as OF−1, used for emergency generator.On August 6,1998 UST OF−1 failed a tightness test and spill was reported on August 14,1998. The same tank failure was reported on September 14,1998 again and assigned spill #9807252.In 1999 PANYNJ removed the 1,000 gallon tank, OF−1, the existing emergency generator, and the associated supply and return lines.Surrounding soil was excavated to the limits necessary for the installation of the new 1,000 gallon steel doulbe wall storage tank.Four soil samples were collected from the sidewalls of the excavation.Lab analytical showed minor exceedances. During the execution of contract AKO−154, the excavation of suction and return lines for UST OF−1 and the floor drains near the emergency generator revealed some impacts and spill #9905613 was generated. The source of the impact was determined to be release to the floor drain centered around the emergency generator.According to PANYNJ, approx. 50 cubic yards of petroleum impacted material were excavated and disposed of off−site.Three MWs were installed at the site.GW analyticals showed contamination below NYGQS.(sr)

Map Identification Number 12 **POR AU OU ER RI GE** **Spill Number: 012142** **Clo e ate: 02 2 200**
PORT AUTH/OUTERBRIDGE STATEN ISLAND, NY TT−Id: 520A−0144−827

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1104 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: PORT AUTH/OUTER BRIDGE
Revised zip code: 10309

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller:
Spiller Phone: (201) 936−6396
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: JODI ANN GARRONE
Caller Agency: TONE TANK & PUMP
Caller Phone: (718) 331−5003
DEC Investigator: SFRAHMAN
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/20/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	−1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

TANK #1 (550 GAL TANK−GASOLINE),TANK #2 (550 GAL TANK−DIESEL), BOTH FAILED 10LD AIR PRESSURE TESTS WITH GROSS LEAKS,UNDETERMINED ACTION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL C"
4/12/04−Vought−Spill transferred from Sullivan to Rommel as per Rommel.

11/1/05 − Transferred to Central Office Staff for review.

Follow up on the Tank Testing Failure needs to be completed before spill is closed.

Albany review (above) − datromp

1/29/07 − Austin − Transferred from Albany assignment to Rahman in R−2 office for further work − end

02/27/07 Rahman− Tank closure report available on edocs.Three tanks, identified as E,F and H were in the process of removal in 1990.Tanks E and F were pressure tested in anticipation of upgrading the dispensing system on 02/20/91.Both tanks failed.Tank H was tested in 10/03/91 and failed (spill#9107077).Soil borings and monitoring wells were installed in the immediate vicinity of tanks E,F and H.No free product was encountered.Trace levels of VOC/SVOCs were found in soil/ground water.Based on the report provided to DEC, it is apparent that no environmental threat was present due to the tightness failed tanks.NFA required.

Map Identification Number 13 **CLOSE LAC OF RECEN INFO** **Spill Number: 303** **Clo e ate: 03 0 2003**
4865 ARTHUR KING RD STATEN ISLAND, NY TT−Id: 520A−0143−364

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1710 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 4865 ARTHUR KILL RD
Revised zip code: 10309

Source of Spill: UNKNOWN
Spiller: CLAIR ROSE DISTRIBUTORS
Spiller Phone:
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name: SCOTT MATZEN
Caller Agency: FENDY AD NICOS
Caller Phone: (516) 586−4900
DEC Investigator: ADMIN. CLOSED
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/23/1993		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

TESTED SYSTEM IT FAILED WILL REMOVE PRODUCT FROM TANK − WANTS CALLBACK CAUSE HE COULDN'T GET THOUGH ON 1800−# FOR OVER 1/2HR.CLOSED DUE TO LACK OF ANY RECENT INFO− DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/06/2003− Closed Due To The Nature / Extent Of The Spill Report

CLOSED STATUS UN NOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

Please Note: * − Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 14 **Spill Number: 0401 3** **Clo e ate: 0 0 2004**

ENGLEWOOD AVE STATEN ISLAND, NY TT−Id: 520A−0275−496

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING − LARGE SITE
Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10309

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: BILL TAI
DEC Investigator: CESAWYER

Spiller: BILL TAI − UNKNOWN
Notifier Name: CITIZEN
Caller Agency: NYC PARKS
Contact for more spill info: BILL TAI

Spiller Phone: (212) 360−1425
Notifier Phone:
Caller Phone: (212) 360−1425
Contact Person Phone: (212) 360−1425

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/21/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

englewood ave between arthur kill rd and veterans highway west.spill is directly south of englewood ave.spill lokks like oil.would like to meet a DEC officer out on site. wants someone to call him ASAP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"

Sangesland spoke with Bill Tai of NYC Parks Dept. 212−360−1425

He says there appears to be an oil spill about 100 ft long and 1 to 10 feet wide on a horse riding bridal path. The path is adjacent to Engelwood Ave and looks like someone backed into the area and dumped a load of oil. The site does NOT smell of oil, it only looks like oil.

Mr. Tai would like to set up a site visit for next week to discuss what should be done on the site.

6/07/04 − Sawyer − This report seems to be a mistake, that Bill is clearing up through e−mail. Below is his e−mail to me.

Cris,

I joined some others from Parks on Thurs 6/3 at the Englewood site. From our observations and the statement of a local resident, it no longer appears that there was oil or any petroleum product spilled or

dumped at this site.

The resident, Ms. Michelle Ferraire, lives at 65 Englewood Avenue, where she maintains a horse stable.

According to Ms. Ferraire, the wood chips at the site were placed there recently to maintain a wet section of the bridle trail leading into Clay Pit Pond State Preserve on the north side of Englewood.

Ms. Ferraire also said that wood chips were routinely placed down to stabilize the wet trail and that as they soaked up water, it would darken to the same color as we saw that day.

Apparently, the trailriders have learned not to let their horses stand in the wood chips because their hooves become irritated.

Our own observations confirmed that the dark liquid, originally

reported to us as oil, actually had none of the characteristics of a petroleum product, except a light irridescent surface film in places that could also be bacterial or the result of secondary leaching of tannin, resins or foreign matter on or in the wood chips.

The wood chips were coarse and dark, what's often called hog fuel, which can consist of predominantly chipped bark, high in natural tannin. The dark liquid had the viscosity of water

with an acidic smell, that is likely horse urine, and no hint of

petroleum.

In the future, it may be advisable for higher grade wood chips or chips with lower tannin content to be used to maintain trails.

If you have further questions concerning this site, please let me

know.

Bil

Map Identification Number 1 **RUC I POLE 322 FMR LEA ING** **Spill Number: 0 10002** **Clo e ate: 02 20 200**

IN FRONT OF 21 ENGLEWOOD AVENUE
AT ARTHUR KILL ROAD
STATEN ISLAND, NY
TT−Id: 520A−0212−077

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 102 feet to the NW*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: ERTSDESK − CON EDISON POLE #32278
Spiller Phone: (212) 580−8383
Notifier Type: Responsible Party
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: gdbreen
Contact for more spill info: ERTSDESK
Contact Person Phone: (212) 580−8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/19/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

HIT POLE HAD A TRANSFORMER ON IT AND CAUSED A LEAK. 209189

DEC Investigator Remarks:

02/20/08 − See eDocs for Con Ed report detailing cleanup and closure.

209189. see eDocs

Map Identification Number 1 **ENGLE OO A ENUE** **Spill Number: 31** **Clo e ate: 04 2 1 4**

97 ENGLEWOOD AVENUE STATEN ISLAND, NY TT−Id: 520A−0143−367

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 147 feet to the N*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	OWEN REITER	Caller Agency:		Caller Phone:	
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/11/1994	04/25/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ADJACENT TO HOUST 1107 ENGLEWOOD IS A TRUCKING COMPANY GARAGE. DEISEL FUEL IN BACKYARD OF PROPERTY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 1 **INGLE OO A E** **Spill Number: 314 3** **Clo e ate: 03 12 1 4**

97 INGLEWOOD AVE STATEN ISLAND, NY TT−Id: 520A−0143−368

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 147 feet to the N*

ADDRESS CHANGE INFORMATION
Revised street: 97 ENGLEWOOD AVENUE
Revised zip code: 10309

Source of Spill: UNKNOWN
Spiller: UNK
Spiller Phone:
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name: ZOLLA BAILEY
Caller Agency: NYC DEP
Caller Phone: (718) 595−6700
DEC Investigator: SIGONA
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/12/1994	03/12/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	−1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SNOW MELTED A LARGE AMOUNT OF OIL ON THE ROAD. CALLER DID NOT KNOW IF ACTIONS ARE BEING TAKEN. CALLED BACK MRS. DAILEY. KIM HANNA RESPONDED DEP HAZMAT INVESTIGATED, NO ACTION TAKEN SANITATION WILL BE

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 1 **LUCIANO RESI ENCE** **Spill Number: 31432** **Clo e ate: 04 30 1**
97 ENGLEWOOD AVENUE STATEN ISLAND, NY TT−Id: 520A−0143−366

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 147 feet to the N*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Citizen
Caller Name: MIKE LUCIANO
DEC Investigator: MCTIBBE

Spiller: DANTIS
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 966−3793
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/08/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	−1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

DIESEL 7 COMING FROM WALL BET THEIR PROPERTY & NEIGHBORS − CALL BACK ASAP. TRUCKING CO. NEXT DOOR TO CALLER − CALLER AT 97 ENGLEWOOD. HE STATES THAT OIL COMING THROUGH WALL WHICH SEPARATES PROPERTIES

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
Yard is for L&B Express, 718−317−9411, night # 718−984−1135. Loie or Nick Dontis. Beeper 917−233−4040 or 917−233−4037. Cleaned by Clean Harbors for Insurance Company. See file.

Map Identification Number 1 **OME EPO PAR ING LO** **Spill Number: 10110** **Clo e ate: 02 02 2011**

TYRELLAN AVE AND VETERANS RD W STATEN ISLAND, NY TT−Id: 520A−0260−361

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 394 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: smsanges
Contact for more spill info: FIREFIGHTER CHAMBERS
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/02/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Caller advised approximately 50 gallons of hydraulic fluid spilled onto blacktop parking lot. Clean up is pending. Caller advised is a very thin sheen over a large area.

DEC Investigator Remarks:

Sangesland spoke to FDNY Firefighter Chambers. He said it looks like a truck in the parking lot leaked hydraulic oil onto the ice covered parking lot. Oil is very thin and spread over a wide area. No way to pick up the oil. Sanitation is on site to spread sand. spill is all on Home Depot parking lot. No oil is on the public street.

Map Identification Number 20 **44 AR UR ILL R ISLAN EN IRONMEN AL AN** **Spill Number: 0 0** **Clo e ate: 0 1 200**
4465 ARTHURKILL RD STATEN ISLAND, NY TT−Id: 520A−0222−617

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 590 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
Spiller: VINNY LOVARDI − VINNY LOVARDI
Spiller Phone:
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: smsanges
Contact for more spill info: VINNY LOVARDI
Contact Person Phone: (347) 244−4299

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Any Type of RP Including No RP − No DEC Field Response − Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/16/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	OTHER	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

Caller is concerned about the hap hazard storage of Haz Mat materials at above location. They had a fire at that scene and NYFD is concerned.

DEC Investigator Remarks:

Fire in a trailer used by a security guard on the Island Environmental equipment yard. Vac truck was also damaged by the fire.
Vinny says there was no spill, but both truck and trailer need to be cleaned up and removed.

Map Identification Number 21 **AR UR ILL ROA A** **Spill Number: 030 3** **Clo e ate: 11 21 2003**
KREISCHER STREET STATEN ISLAND, NY TT−Id: 520A−0143−365

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 789 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: ARTHUR KILL RD / KREISCHER ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
Spiller: UNKNOWN − UNKNOWN
Spiller Phone:
Notifier Type: Citizen
Notifier Name: VINNIE LOVARI
Notifier Phone: (917) 807−1995
Caller Name: VINNIE LOVARI
Caller Agency: ISAND TANK CLEANERS
Caller Phone: (718) 967−9424
DEC Investigator: SMSANGES
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Any Type of RP Including No RP − No DEC Field Response − Corrective Action by Spill Response Not Required

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/19/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states he saw at tank trailer being removed off a site in

the woods − caller believes as it was towed out it was leaking oil on the roadway − plate off trailer aj91832 Ny plate − poss tow company way dave's towing − caller states fire dept was also on the scene

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 22 **REN AL PROPER Y** **Spill Number: 0 12 2** **Clo e ate: 02 24 200**

53 ANDROVETTE ST STATEN ISLAND, NY TT−Id: 520A−0226−637

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 900 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	hrpatel	Contact for more spill info:	MICHAEL FRASCO	Contact Person Phone:	(347) 838−1036

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/24/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
BENZENE	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

CALLER STATES THAT HE FOUND A DOCUMENT THAT STATES THAT THERE IS BENZENE IN THE WATER AND GROUND WHERE HE RENTS PROPERTY. CALLER IS CONCERNED BECAUSE HE HAS A SMALL CHILD AND DOES NOT WANT HER TO GET SICK.

DEC Investigator Remarks:

02/24/09−Hiralkumar Patel. spoke with Mike Frasco. he rented this house and found a report in building which indicates petroleum compounds in ground. and report has spill #: 0400679. Mike wants to samples soil to confirm any health hazards.

reviewed file for spill #: 0400679. spill reported at TNT bus depot. it was an surface spill from run off water from oil−water seperator. contaminated water ran to next door property (where Mike lives). soil samples were collected in 2004 and found contaminated soil at two feet depth in two sampling locations. based on soil investigation found that approx. 35’ * 20’ * 2’ area was impacted. injected 1000 gallon of BioRem H−10 microaerophilic enzymes in impacted areas. six post remediation samples were collected at 2 ft depth. no contamination found in post remediation samples. based on report from 09/26/06, case was closed.

Michael Frasco
cell: 347−838−1036
email: mikeyboy0527@aol.com

discussed with DEC Austin. based on previously submitted report, Austin asked for no further action. he asked to send copy of report from 2006.

cleanup report from 2006 was sent to Mike.

case closed.

Map Identification Number 23 **N RANSPOR A ION MISC** **Spill Number: 0400** **Clo e ate: 02 2 200**
10 MANLEY STREET STATEN ISLAND, NY TT−Id: 520A−0143−363

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1017 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
Notifier Type: Other
Caller Name: VINNY LOVARI
DEC Investigator: rjfeng

Spiller: TOM SCHNEIDER − TNT TRANSPORTATION
Notifier Name: VINNY LOVARI
Caller Agency: ISLAND TANK
Contact for more spill info: TOM SCHNEIDER

Spiller Phone: (800) 868−8411
Notifier Phone: (718) 967−9424
Caller Phone: (718) 967−9424
Contact Person Phone: (800) 868−8411

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/19/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

Caller is the main contact for this spill. As the buses were being washed there was a sheen on the water. Caller estimates the materials are oil. Caller boomed the whole driveway with cotton boom.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
4/20/2004 Sangesland left a message for Vinny asking for more information on this spill.

4/22/2004 Vinny (Island Tank) left a message with Sangesland saying that the "Spill" is a chronic long term problem. Vinny will work with the owner on cleaning up.

4/28/04 − Sawyer − Spoke to Dan D'Argnese at BioRem and he indicated that they are the environmental contractor for the PRP TNT Transportation. He will forward initial outline of work plan on e−mail.
07/28/05 Sharif.. Spoke with Daniel A. D'Agnese who is the contractor. They are now collecting the confirmatory samples and will send results to DEC .
11.09.05 Sharif− Report on file−GW affected.
12/20/05−Sharif// Case was transferred to Koon Tang for reassignment.

1/13/2006 − Feng − File reviewed by Feng:

1) The TNT Bus Depot has a catch basin and a separator on site for treatment of surface runoff which washed away with oil or other common spillage from routine operation of mechanical equipment.

2) During the torrential raining days, the separator could not adequately perform and the water passed through the system too quickly allowing some petroleum impacted water to discharge onto a limited area of the neighboring residential property.

3) 2 samples were collected nearest the property border show elevation of comtamination, such as 3,992 ppb Toluene, 12,883 ppb Xylene extended to the depth of 1.5' to 2' below grade.

4) BioRem applied H−10TM product (1,000 gallons H−10TM solution) and aeration to conduct the bioremediation for the contaminated soil found in residential property.

5) A new storm water separator was installed down gradient of the parking lot. A concret berm existing around the parking lot area and booms were placed around the berm. The separator was inspected regularly and hydrocarbon absorbent socks are placed in water separator periodically to absorb any petroleum waste.

6) Zipper trench was installed to direct runoff to the separator. Drum containments have been installed to house oil and other petroleum products.

Wait for bioremediation result report. (RJF)

6/12/2006 − Feng − Call Bio Rem and left message to Daniel A. D'Agnese requested the status of the site, like soil and groundwater samples after the bioremediation was applied. (RJF)

8/18/2006 − Feng − Sent a letter to Tom Schnieder (TNT Bus Depot) for the bioremeidation results report, due 9/18/2006. (RJF)

10/20/2006 − Feng − Fax from Vinny Lovari (Island Environmental Tank Maintenance Corp), 10/12/2006. Only soil sample lab results attached. Called Vinny Lovari for the full report. Will send it shortly by next week. (RJF)

11/2/2006 − Feng − Called Vinny Lovari for the full report, left message. (RJF)

2/28/2007 − Surface Spill Closure Report, dated 9/29/2006, submitted by Island Environmental Tank, Inc. On 9/20/2006, Island Environmental collected 6 soil samples from along the boundary of the two properties. Sampling depth 2 feet bg, 5 feet from the boundary line on the residential property. Sampling result non−detected.

Spoke with V. Lovari (Island Environmental), there is no drinking water well around and Kill Van Kull in west. Boom pads are planced around the 8" berm, the boom pads are regularly replaced and came out to be clean.

Discussed previously with DEC J. Sun, spill can be closed for: 1) Post−remediation soil samples came out to be clean, 2) preventive measures performed for future spill. Groundwater was not sampled because the spill occurred in Apirl 2004, and BioRem was applied 11/2004 and the contaminated soil may be remediated before the contamination leach to groundwater. (RJF)

Map Identification Number 24 **UN ER RI GE A U EMEN** **Spill Number: 0 2 2** **Clo e ate: 03 04 200**

OUTERBRIDGE CROSSING STATEN ISLAND, NY TT−Id: 520A−0144−825

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1104 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: OUTTER BRIDGE CROSSING
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: KATE KEOUGH
DEC Investigator: SFRAHMAN

Spiller: KATE KEOUGH − PORT AUTH
Notifier Name: KATE KEOUGH
Caller Agency: PORT AUTH
Contact for more spill info: KATE KEOUGH

Spiller Phone: (201) 216−2722
Notifier Phone: (201) 216−2722
Caller Phone: (201) 216−2722
Contact Person Phone: (201) 216−2722

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/06/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

soil samples were taken and found contaimination

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"

06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang.

03/04/09 See spill#9806016.(sr)

Map Identification Number 2 **UN ER E OU ER RI GE** **Spill Number: 03** **Clo e ate: 0 1 1**
CROSSING ARTHUR KILL STATEN ISLAND, NY TT−Id: 520A−0144−832

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1104 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10309

Source of Spill: UNKNOWN
Spiller: UNK
Spiller Phone:
Notifier Type: Federal Government
Notifier Name: JOHN DECESARIO
Notifier Phone: (718) 442−6212
Caller Name: PO PINEIRO
Caller Agency: USCG
Caller Phone: (212) 668−7920
DEC Investigator: KSTANG
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/17/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

sheen in water of unknown oil − uscg enroute to scene

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
USCG SENT A TEAM, FOUND NO OIL SHEEN, BUT OILY BROWN ALGAE.

Map Identification Number 2 **OU ER RI GE CROSSING** **Spill Number: 400422** **Clo e ate: 04 10 1 4**
OUTERBRIDGE CROSSING STATEN ISLAND, NY TT−Id: 520A−0144−830

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1104 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: OUTBRIDGE CROSSING
Revised zip code: 10309

Source of Spill: UNKNOWN
Spiller: UNK
Spiller Phone:
Notifier Type: Federal Government
Notifier Name:
Notifier Phone:
Caller Name: MARK
Caller Agency: US COAST GUARD
Caller Phone: (212) 668−7913
DEC Investigator: O'DOWD
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/1994	04/10/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	−1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

SOMEONE SAW SHEEN & REPORTED IT NJ DEP ALSO NOTIFIED. CALL BACK UNK ACTIONS − 840/PM P.O. MARKS /USCG / CREW WAS SENT OUT AND @829 COULDN'T FIND SHEEN OR COULND'T SMELL ANYTHING.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 2 **USINESS PROPER Y** **Spill Number: 0 111** **Clo e ate: 01 22 200**
50 SOUTH BRIDGE STREET STATEN ISLAND, NY TT−Id: 520A−0144−584

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (5)
Approximate distance from property: 1301 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Spiller: FRED HAWK − BUSINESS
Spiller Phone: (609) 338−1072
Notifier Type: Responsible Party
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: rmpiper
Contact for more spill info: FRED HAWK
Contact Person Phone: (609) 338−1072

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Any Type of RP Including No RP − No DEC Field Response − Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/08/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

GASOLINE IS BEING DUMPEDIN BACK YARD AT ABOVE ADDRESS: NO FURTHER INFO AVAILABLE

DEC Investigator Remarks:

Former employee of a company says that this company dumps gasoline & oil on the ground of this facility.
Piper performed site vistit. It was used for parking of equipment.It was noted that there was poor house keeping. Closed.

Map Identification Number 2 **122 AN RO E E S** **Spill Number: 043 2** **Clo e ate: 02 0 2000**

122 ANDROVETTE ST STATEN ISLAND, NY TT−Id: 520A−0142−449

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1453 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Citizen
Notifier Name:
Notifier Phone:
Caller Name: OWEN REITER
Caller Agency: CITIZEN
Caller Phone: (718) 967−4727
DEC Investigator: O'DOWD
Contact for more spill info: CALLER
Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/14/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reported soot all over his property. he lives next to arthur kill where tankers are docked.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

e follo in EC In e ti ator Remar ere a ailable prior to 1 1 2002:

ECO PINEKOFFER REFERRED HIM TO AIR DIVISION CG TOLD HIM TO CALL (800) SPILL HOTLINE. FD SAID THEY HAD NO LAST NIGHT. LAST YEAR A TANKER BLEW ITS STACK − SPREADING ASH, MAY HAVE OCCURRED AGAIN. ETC.
SEE K. o'DOWD FIELD NOTES.

Map Identification Number 2 **AU OS OP** **Spill Number: 131 1** **Clo e ate: 02 14 1**
110 WINANT PL STATEN ISLAND, NY TT−Id: 520A−0142−241

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1853 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Local Agency
Caller Name: BRENDA BRYANT
DEC Investigator: GUTIERREZ

Spiller: UNKN
Notifier Name: CALLER REFUSED
Caller Agency: DEP
Contact for more spill info: DEP

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 595−6777
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/20/1996		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

BARRELS OF OIL IN THE REAR OF THE STRUCTURE ARE LEAKING MOTOR OIL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 30 **E MAYERS** **Spill Number: 0230020** **Clo e ate: 0 0 2002**
120 WINANT PLACE STATEN ISLAND, NY TT−Id: 520A−0141−631

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1951 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: MISSING CODE IN OLD DATA
Notifier Type: Missing Code in Old Data − Must be fixed
Caller Name: ECO MATT DORRETT
DEC Investigator: MXTIPPLE

Spiller: TED − JESSICA ALBANESE
Notifier Name: ED MAYERS
Caller Agency: NYSDEC DLE
Contact for more spill info: ED MAYERS

Spiller Phone: (718) 966−8800
Notifier Phone: (917) 971−1524
Caller Phone: (718) 482−4885
Contact Person Phone: (917) 971−1524

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/08/2002		MISSING CODE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

Spill Referred to Spills from Law Enforcement. Notifier is affected person who reports neighbor is spilling diesel onto ground surface which is impacting his property.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
7/17/2002 Site visit revealed less than good housekeeping on 110 Winant Place property. There was no ongoing leaks or pooling obvious on the prp property. The 120 address was locked, so that My view was from the 110 property which was open with no one around even after shouting into the out buildings and ringing the doorbell. Will do follow−up

7/23/01 CALL FROM MR. ALBANESE, HE IS CLEANING UP THE "HOUSEKEEPING" ON THE PROPERTY THIS WEEK

Map Identification Number 31 **3 SALAMAN ER C** **Spill Number: 0 0** **Clo e ate: 0 2 1**
37 SALAMANDER CT STATEN ISLAND, NY TT−Id: 520A−0140−880

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 2538 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
Spiller: SANITATION TRUCK
Spiller Phone:
Notifier Type: Local Agency
Notifier Name: CITIZEN
Notifier Phone:
Caller Name: ERIC
Caller Agency: DEP
Caller Phone: (718) 595−6777
DEC Investigator: SMMARTIN
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/29/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CITIZEN SAW AN OIL PRODUCTS SPILL OUT OF THE BACK OF A NYC SANITATION TRUCK ONTO THE RAODWAY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
COULD NOT FIND SALAMANDER CT. IN BROOKLYN OR STATEN ISLAND IN THE HAGSTROM DIRECTORY. CALLED SANIT ACTION CENTER − PEARSON TOOK REPORT.

CLOSED STATUS HAZARDOUS SPILLS − MISC SPILL CAUSES − EQUIPMENT FAILURE HUMAN ERROR TAN OVERFILL DELI ERATE SPILL TRAFFIC ACCIDENT HOUSE EEPING A ANDONED DRUM AND VANDALISM − IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

All pill mapped and profiled it in 1 mile. et een 1 mile and 1 2 mile earc radiu pill reported to be reater t an 100 unit and pill reported in t e NYS EC Fall 1 M E Sur ey are mapped and profiled. Spill reported to be le t an 100 unit are li ted in a table at t e end of t i ection.

Please Note: * − Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 32 **COMMERCIAL** **Spill Number: 0 10** **Clo e ate: 01 13 2010**

43 ENGLEWOOD AVE STATEN ISLAND, NY TT−Id: 520A−0239−323

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 86 feet to the NNW*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
Notifier Type: Other
Caller Name:
DEC Investigator: hrpatel

Spiller: SEAN DONOHUE − UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: SEAN DONOHUE

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 595−5000

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/11/2010		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller reporting an ongoing spill due to subjects fueling thier vehicle from cans, spilling fluid onto soil.

DEC Investigator Remarks:

1/12/10−Vought−Off hours responder. Vought called NYCDEP Donahue and no further informaton available as call came in via 311 hotline. Spill assigned to DEC Patel due to proxmity of site to route home during off−hours response for site visit.

01/13/10−Hiralkumar Patel.
8:30 AM:− visited site. site has one family house and asphalt parking area around two sides of house. found trucks parked in asphalt parking. no sign of any oil spill noticed. nobody at the site. no sign of oil change operation found in grass area on other two sides of house.

based on site observations, case closed.

Map Identification Number 33 **C ARLES ON US EPO** **Spill Number: 1111 1** **Clo e ate: 01 12 2012**
4700 AURTHER KILL RD STATEN ISLAND, NY TT−Id: 520A−0272−831

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 147 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: 4700 ARTHUR KILL RD
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL VEHICLE
Spiller: CLAIRE − NYC TRANSIT
Spiller Phone:
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: SMSANGES
Contact for more spill info: CLAIRE
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/12/2012		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	20.00	GALLONS	0.00	GALLONS	

Caller Remarks:

20 gallons of oil spilled to floor when they were filling a motor and left it unattended in the building

DEC Investigator Remarks:

spill was cleaned when it was discovered. no drains impacted.

Map Identification Number 34 **POLE** **Spill Number: 0 0** **Clo e ate: 0 1 200**
ARTHUR KILL RD/ALLEN TOWN STATEN ISLAND, NY TT−Id: 520A−0222−709

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 155 feet to the WSW*

ADDRESS CHANGE INFORMATION
Revised street: ARTHUR KILL RD / ALLENTOWN LN
Revised zip code: 10309

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: ERTSDESK − POLE
Spiller Phone:
Notifier Type: Responsible Party
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: asnagi
Contact for more spill info: ERTSDESK
Contact Person Phone: (212) 580−8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/26/2008		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

AMOUNT SPILLED IS 1/2 GALLON; NON PCB; ON GOING LEAK; REF #213353

DEC Investigator Remarks:

09/19/08 − See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 3 **IN FRON OF** **Spill Number: 021041** **Clo e ate: 0 2 2003**
4414 ARTHUR KILL RD STATEN ISLAND, NY TT−Id: 520A−0143−919

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 255 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CHARLIE MCCARTHY − CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580−6763
DEC Investigator:	AERODRIG	Contact for more spill info:	CHARLIE MCCARTHY	Contact Person Phone:	(212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/15/2003		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

A LEAK FROM A NEUTRAL LUG ON A POLE MOUNTED TRANSFORMER THAT CAUSED THE SPILL 1 QUART WAS ACUTALLY SPILLED.

NO SEWERS OR WATERWAYS NO SMOKE IR FIRE .CON ED 146749

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 146749

1/15/03 @ 1705 hrs, TS Frank Gerdes reports 1 quart of OH transformer oiil spilled from transformer neutral lug on pole 33−365 on Arthur Kill Rd and AndrovetteB st. The area covered is 6’ X 9’ with a 3’X3’ concentration on soil and the rest is spatter on concrete and asphalt. No sewers or waterways affected, no smoke or fire. Cleanup pending further transformer information. CIG notified at 1728 hrs (McCarthy)

1/15/03 @ 1740 hr, TS Gerdes reports transformer on pole 33−365 has been cut clear, it is labeled non PCB and it has been bagged.

Vincent Reneo, EGS 81202

01/15/03 23:15

Rotondo reports P. Gagliardi #10967 has cleanup complete. Cleaned 7’ x 10’ area cbta and took away 4’ x 4’ x4" deep of soil.

Double washed with Riptide and double rinsed with water.

Debris placed in Drum . Transformer and Drum taken to Victory Blvd Service Center and put in holding area.

UPDATE 1/17/03 0810 Hrs. Finder was F. Gerdes, #25706, Troubleshooter, Control Center. This report is being updated to include the following information as per M. Rotondo: 1) the transformer was replaced (1/15/03); 2) transformer had a manufacturer's label indicating 1996 date and non−PCB; 3) transformer and waste was disposed of as non−hazardous waste at Victory Boulevard Service Center; 4) street area affected (3'x6') was cleaned (10'x10'); 5) curb area affected (8"x3') was cleaned (8"x4'); 6) dirt area affected (tree lane 3'x3') was cleaned (4'x4'x3") and 7) as indicated above all areas were double washed with Riptide and double rinsed

with water....G. Triolo, #01868.

Map Identification Number 3 **POLE 33** **Spill Number: 111014** **Clo e ate: 01 1 2012**
4500 ARTHUR KILL RD STATEN ISLAND, NY TT−Id: 520A−0270−786

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 527 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL) Spiller: ERT − CON ED Spiller Phone:
Notifier Type: Other Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: RWAUSTIN Contact for more spill info: ERT Contact Person Phone: 2125808383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/14/2011		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	55.00	GALLONS	0.00	GALLONS	

Caller Remarks:

55 gallons on asphault − clean up pending

0326− Tom Enright of CONED called back to advise Total Amount of spill is 102 gallons, of which 82 gallons entered sewer. NRC # 995524

DEC Investigator Remarks:

emis 228076 − vehicle hit p−33−373 causing pole to fall and transformer to leak approx. 55 gallons of oil onto asphalt roadway area 30' x 3' along curb line

1/17/12 − Austin − Amount spilled eventually turned out to be 102 gals., with 82 gals. estimated to have impacted an adjoining catch basin − Con Ed hired a cotractor who pressure washed and cleaned up both the street and the catch basin − See documents in eDocs files for further info − Spill closed − end

Map Identification Number 3 **NE O** **Spill Number: 113 0** **Clo e ate: 01 2 1**

420 SHARROTTS RD STATEN ISLAND, NY TT−Id: 520A−0143−982

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1454 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:		Notifier Phone:	
Caller Name:	ANONYMOUS	Caller Agency:		Caller Phone:	
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/15/1996		DELIBERATE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

SUBJS USING BACKHOE TO LAY PVC PIPING AT THE BRICK OR STONE BLDG UNDER CONSTRUCTION NEXT TO #420 − POSS GOING TO PUMP SEWAGE INTO THE WETLANDS − NEW YORK REG# SR8713 (ON BACKHOE) − GOING ON AT THIS TIME − NYS PARK ALSO BY THE WETLANDS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE/SPDES"
REFER TO WATER AND NATURAL RESOURCES

Map Identification Number 3 **AN IFO NE UIL ING** **Spill Number: 0 04** **Clo e ate: 0 2 200**

131 STORER AVE
NEAR ARTHUR KILL RD
STATEN ISLAND, NY
TT−Id: 520A−0143−980

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1813 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Fire Department
Caller Name:
DEC Investigator: SFRAHMAN

Spiller: JOHN WILSON − ARTHUR KILL/CARLIN
Notifier Name:
Caller Agency:
Contact for more spill info: JOHN WILSON

Spiller Phone: (646) 879−7329
Notifier Phone:
Caller Phone:
Contact Person Phone: (646) 879−7329

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/01/2006		ABANDONED DRUM	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

175 GALLON WASTE HOME HEATING OIL, NOT LEAKING AND HAVE DENTS IN IT: WOODED AREA CAN BE SEEN

DEC Investigator Remarks:

Sangesland spoke to John Wilson of NYCDEP. He says there is a 275 gal tank approx 3/4 full (about 175 gal) of waste oil.
Site is just off Arthur Kill Rd, approx 1 mile north of Outer Bridge Crossing in Southwestern Staten Island.
From Arthur Kill Rd, turn East onto Storer Ave. After 1/4 mile tank will be on the left side (North) in the edge of the woods across from new construction houses (across from #131 Storer).
275 gal tank is stable and has an opening on the top to drain it from.
08/28/06 Rahman− Tank found,was pumped out, NYC sanitation was notified via fax to pick up empty tank− unsure if they take care of empty tank.

E FOLLO ING CLOSE SPILLS FOR IS CA EGORY ERE REPOR E E EEN 1 MILE AN 1 2 MILE FROM E SU EC A RESS. ESE SPILLS ERE REPOR E O E LESS AN 100 UNI S IN UAN I Y AN CAUSE Y: E UIPMEN FAILURE UMAN ERROR AN O ERFILL ELI ERA E SPILL RAFFIC ACCI EN OUSE EEPING A AN ONE RUM OR AN ALISM. ESE SPILLS ARE NEI ER MAPPE NOR PROFILE IN IS REPOR .

FACILITY ID	FACILITY NAME	STREET	CITY

0808101	BARKER KILL RD/ KREISEHSER ST	BARKER KILL RD/ KREISEHSER ST	STATEN ISLAND
0503842	OUTER BRIDGE CROSSING	STATEN ISLAND SIDE OF TOL	STATEN ISLAND
9610775	KREISHER STREET WETLANDS	KREISHER ST	CARLSTON
9102135	S BRIDGE ST/OUTTER BRIDGE	S BRIDGE/OUTTER BRIDGE	NEW YORK CITY
8703837	OUTTER BRIDGE CROSSING /	OUTTER BRIDGE CROSSING	NEW YORK CITY
0400192	OUTERBRIDEG CROSSING	ROUTE 440 NORTH	STATEN ISLAND
9112154	OUTERBRIDGE CROSSING	OUTERBRIDGE CROSSING	STATEN ISLAND
9704366	OUTER BRIDGE BTWN NJ	STATEN ISLAND	STATEN ISLAND
9202514	448 SHARROTTS RD/SEPTIC	448 SHARROTTS RD	STATEN ISLAND
9608223	EG CLEMENTE	SOUTH BRIDGE ST	STATEN ISLAND
0405000	ON DEAD END STREET	ANDROVETTE STREET	STATEN ISLAND
0203395	PROPERTY BEHIND	419 SHARROTTS ROAD	STATEN ISLAND
0500735	ON ROAD	SHARROTTS ROAD/ ARTHUR KILL	STATEN ISLAND
0803866	PRIVATE RESIDENCE	65 PHEASANT LANE	STATTAN ISLAND
0004514	WEST SHORE EXPRESSWAY AT	SHARROTTS RD	STATEN ISLAND
0012130		4220 ARTHURKILL RD	STATEN ISLAND
0706940	FOUR OZ FROM 10629 PADMOUNT XFMR	IN FRONT OF 186 DARNELL LANE	STATEN ISLAND
1200541	PADMOUNT TRANS − CON ED	100−104 ROBIN COURT	STATEN ISLAND
9903520		65 MEADE LOOP	STATEN ISLAND
1011949	CON EDISON POLE TRANSFORMER LEAK	115−125 PAGE AVE	STATEN ISLAND
1011949	CON EDISON POLE TRANSFORMER LEAK	115−125 PAGE AVE	STATEN ISLAND
0212039	CLAYPIT PONDS STATE PARK	2876 ARTHUR KILL RD	STATEN ISLAND
9702483	CLAY PIT STATE PARK	CRABTREE ROAD	STATEN ISLAND

NO OIL STORAGE FACILITIES LARGER THAN GALLONS IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

PETROLEUM UL STORAGE FACILITIES LESS THAN GALLONS IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 3 **C ARLES ON US ANNE** **Facility Id: 2 10** **Source: NYS EC**
4700 ARTHUR KILL ROAD STATEN ISLAND, 10309 TT−Id: 640A−0081−443

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 147 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: 4700 ARTHUR KILL RD
Revised zip code: NO CHANGE

Facility Type: Trucking/Transportation/Fleet Operation
Site Status: Active
Expiration Date of the facility's registration certificate: 01/09/2014
Operator Name: NEW YORK CITY TRANSIT Operator Phone #: (646) 252−5777
Owner Name:
Owner Company: MTA NEW YORK CITY TRANSIT Owner Type:
Owner Address: 2 BROADWAY, 27TH FLOOR, NEW YORK, NY 10004

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
DSL−1	In Service	Diesel	10000	Underground	11/30/2008		
DSL−2	In Service	Diesel	10000	Underground	11/30/2008		
DSL−3	In Service	Diesel	10000	Underground	11/30/2008		
DSL−4	In Service	Diesel	10000	Underground	11/30/2008		
HO−1	In Service	#2 Fuel Oil	25000	Underground	11/30/2008		
EMGEN−1	In Service	Diesel	5000	Underground	11/30/2008		
MO−1	In Service	Lube Oil	3000	Underground	11/30/2008		
ATF−1	In Service	Other	3000	Underground	11/30/2008		
WO−1	In Service	Waste Oil/Used Oil	3000	Underground	11/30/2008		
WO−2	In Service	Waste Oil/Used Oil	3000	Underground	11/30/2008		
EMGEN−2	In Service	Diesel	250	Aboveground on Crib Rack or Cradle	12/21/2009		

TANK NUMBER: DSL−1 TANK TYPE: Fiberglass Reinforced Plastic (FRP) TK INT. PROTECTION: None
TANK EXT. PROTECTION: Fiberglass TANK LEAK DETECTN: Interstitial − Electronic Monitoring In−Tank System (ATG) TK SEC. CONTAINMNT: Double−Walled (Underground)
PIPING EXT. PROTECTN: Fiberglass PIPING LEAK DETECTN: Pressurized Piping Leak Detector Tank Top Sump PIPE SEC. CONTAINMNT: Double−Walled (Underground)
PIPING TYPE: Fiberglss Reinforcd Plastic(FRP) PIPING LOCATION: Underground/On−ground

**** TANK INFO FOR THIS SITE CONTINUES ON NEXT PAGE ****

OVERFILL PROTECTION:	Automatic Shut−Off	SPILL PREVENTION:	None	DISPENSER METHOD:	Submersible
TANK NUMBER:	DSL−2	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	In−Tank System (ATG) Interstitial − Electronic Monitoring	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Pressurized Piping Leak Detector Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		
OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	None	DISPENSER METHOD:	Submersible
TANK NUMBER:	DSL−3	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	In−Tank System (ATG) Interstitial − Electronic Monitoring	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Pressurized Piping Leak Detector Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		
OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	None	DISPENSER METHOD:	Submersible
TANK NUMBER:	DSL−4	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	Interstitial − Electronic Monitoring In−Tank System (ATG)	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Pressurized Piping Leak Detector Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		
OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	None	DISPENSER METHOD:	Submersible
TANK NUMBER:	HO−1	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	In−Tank System (ATG) Interstitial − Electronic Monitoring	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		
OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	None	DISPENSER METHOD:	Suction
TANK NUMBER:	EMGEN−1	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	In−Tank System (ATG) Interstitial − Electronic Monitoring	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		
OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	None	DISPENSER METHOD:	Suction
TANK NUMBER:	MO−1	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	In−Tank System (ATG) Interstitial − Electronic Monitoring	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		

**** TANK INFO FOR THIS SITE CONTINUES ON NEXT PAGE ****

OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	None	DISPENSER METHOD:	Suction
TANK NUMBER:	ATF−1	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	Interstitial − Electronic Monitoring In−Tank System (ATG)	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		
OVERFILL PROTECTION:	Automatic Shut−Off	SPILL PREVENTION:	None	DISPENSER METHOD:	Suction
TANK NUMBER:	WO−1	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	In−Tank System (ATG) Interstitial − Electronic Monitoring	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		
OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	None	DISPENSER METHOD:	Gravity
TANK NUMBER:	WO−2	TANK TYPE:	Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION:	None
TANK EXT. PROTECTION:	Fiberglass	TANK LEAK DETECTN:	Interstitial − Electronic Monitoring In−Tank System (ATG)	TK SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING EXT. PROTECTN:	Fiberglass	PIPING LEAK DETECTN:	Tank Top Sump	PIPE SEC. CONTAINMNT:	Double−Walled (Underground)
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Underground/On−ground		
OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	None	DISPENSER METHOD:	Gravity
TANK NUMBER:	EMGEN−2	TANK TYPE:	Steel/Carbon Steel/Iron	TK INT. PROTECTION:	Epoxy Liner
TANK EXT. PROTECTION:	Other	TANK LEAK DETECTN:	Interstitial − Electronic Monitoring	TK SEC. CONTAINMNT:	None
PIPING EXT. PROTECTN:	Other	PIPING LEAK DETECTN:	Interstitial − Electronic Monitoring	PIPE SEC. CONTAINMNT:	None
PIPING TYPE:	Fiberglss Reinforcd Plastic(FRP)	PIPING LOCATION:	Aboveground/Underground Combination		
OVERFILL PROTECTION:	High Level Alarm	SPILL PREVENTION:	Catch Basin	DISPENSER METHOD:	Suction

HAZARDOUS WASTE GENERATORS TRANSPORTERS IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 40 **NYS EC Name:** **O N IPPOLI O** **Facility Id: NYN20002A2**
NYSDEC Address: 4700 ARTHUR KILL ROAD STATEN ISLAND, NY 10309 TT-Id: 740A-0043-767

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 62 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

This facility has been deleted from the reported data. Data reflects last reported information.
US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
NONE	No hazardous waste activity reported by NYS up to 6/7/2011.						

Map Identification Number 41 **NYS EC Name:** **NYC C ARLES ON US ANNE** **Facility Id: NYR0001 440**
NYSDEC Address: 4700 ARTHUR KILL RD STATEN ISLAND, NY 10309 TT-Id: 740A-0075-700
EPA (RCRA) Name: NYCT - CHARLESTON BUS ANNEX
EPA (RCRA) Address: 4700 ARTHUR KILL RD STATEN ISLAND, NY 10309

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 62 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Contact Name: SHERRY BULKLEY Source Type: Notification

Notification date: 11/17/2010
Incinerator:
Transporter:
Contact Phone: 646-252-5774 Contact Info Date: 11/17/2010

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 42 **NYS EC Name:** **MAL CON RAC ING INC** **Facility Id: NYN20002A2**
NYSDEC Address: 2505 VETERANS ROAD WEST STATEN ISLAND, N.Y.C., NY 10309 TT-Id: 740A-0061-637

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (5)
Approximate distance from property: 84 feet to the SW*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

This facility has been deleted from the reported data. Data reflects last reported information.
US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	No hazardous waste activity reported by NYS up to 6/7/2011.						

Map Identification Number 43 **NYS EC Name:** **MOORE SELF S ORAGE** **Facility Id: NYR000132 1**
NYSDEC Address: 3-26 VETERANS RD W WHITE PLAINS, NY 10309 TT-Id: 740A-0044-070
EPA (RCRA) Name: MOORE SELF STORAGE
EPA (RCRA) Address: 3026 VETERANS RD W STATEN ISLAND, NY 10309

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 187 feet to the SW*

ADDRESS CHANGE INFORMATION
Revised street: 3026 VETERANS RD W
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Notification date: 06/13/2005
Land Disposal:
Receives offsite waste:
Incinerator:
Storer:
Treatment facility:
Transporter:
Contact Name: JASON KOTZKER Source Type: Implementer Contact Phone: 914-323-7000 Contact Info Date: 01/01/2007
Contact Name: JASON KOTZKER Source Type: Notification Contact Phone: 914-323-7000 Contact Info Date: 06/13/2005

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	2103	POUNDS	GENERATED	2005		

Map Identification Number 44 **NYS EC Name:** **ARGE 200** **Facility Id: NYR00013**
NYSDEC Address: 2900 VETERANS RD W STATEN ISLAND, NY 10309 TT-Id: 740A-0081-266
EPA (RCRA) Name: TARGET STORE #2006
EPA (RCRA) Address: 2900 VETERANS RD W STATEN ISLAND, NY 10309

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 256 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 2900 W VETERANS RD
Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
Notification date: 01/13/2006
Land Disposal:
Receives offsite waste:
Incinerator:
Storer:
Treatment facility:
Transporter:
Contact Name: JENNIFER RYMANOWSKI Source Type: Implementer Contact Phone: 612-304-4417 Contact Info Date: 01/01/2007
Contact Name: JENNIFER RYMANOWSKI Source Type: Notification Contact Phone: 612-304-4417 Contact Info Date: 01/13/2006

Historically listed as the following USEPA RCRA Generator Size(s) as well:
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	21	POUNDS	GENERATED	2012	850	2011
D002	Solid waste that exhibits the characteristic of corrosivity	46	POUNDS	GENERATED	2012	795	2007
More than one waste code was reported for the following waste amount:		187	POUNDS	GENERATED	2012	3136	2011
D001	Solid waste that exhibits the characteristic of ignitability						
D035	Methyl ethyl ketone						
More than one waste code was reported for the following waste amount:		1	POUNDS	GENERATED	2012	13	2011
P001	2H−1−Benzopyran−2−one, 4−hydroxy−3−(3−oxo−1−phenylbutyl)−, & salts, when present						
P012	Arsenic oxide As2O3						
P075	Nicotine, & salts						
P108	Strychnine, & salts						
P188	Benzoic acid (OR) Physostigmine salicylate						
More than one waste code was reported for the following waste amount:		1	POUNDS	GENERATED	2012		
P001	2H−1−Benzopyran−2−one, 4−hydroxy−3−(3−oxo−1−phenylbutyl)−, & salts, when present						
P012	Arsenic oxide As2O3						
P075	Nicotine, & salts						
P188	Benzoic acid (OR) Physostigmine salicylate						
P022	Carbon disulfide						
P108	Strychnine, & salts						
D009	Mercury	3	POUNDS	GENERATED	2011		
More than one waste code was reported for the following waste amount:		4	POUNDS	GENERATED	2011		
D001	Solid waste that exhibits the characteristic of ignitability						
D002	Solid waste that exhibits the characteristic of corrosivity						
D005	Barium						
D006	Cadmium						
D007	Chromium						
More than one waste code was reported for the following waste amount:		1	POUNDS	GENERATED	2011		
D001	Solid waste that exhibits the characteristic of ignitability						
D002	Solid waste that exhibits the characteristic of corrosivity						
D005	Barium						
D006	Cadmium						
D007	Chromium						
D008	Lead						

NYS DEC Manifested Waste Transactions for NYR000136655 continued ---

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		5	POUNDS	GENERATED	2011	341	2010
D006	Cadmium						
D008	Lead						
D016	2,4-D, (2,4-Dichlorophenoxyacetic acid).						
More than one waste code was reported for the following waste amount:		27	POUNDS	GENERATED	2011		
D006	Cadmium						
D018	BENZENE						
More than one waste code was reported for the following waste amount:		188	POUNDS	GENERATED	2011		
D006	Cadmium						
D016	2,4-D, (2,4-Dichlorophenoxyacetic acid).						
D008	Lead						
More than one waste code was reported for the following waste amount:		2	POUNDS	GENERATED	2011		
D001	Solid waste that exhibits the characteristic of ignitability						
U002	Acetone (I)						
D005	Barium						
D006	Cadmium						
D007	Chromium						
More than one waste code was reported for the following waste amount:		1	POUNDS	GENERATED	2010		
D001	Solid waste that exhibits the characteristic of ignitability						
U034	Acetaldehyde, trichloro-						
More than one waste code was reported for the following waste amount:		150	POUNDS	GENERATED	2009		
D035	Methyl ethyl ketone						
D001	Solid waste that exhibits the characteristic of ignitability						
D016	2,4-D, (2,4-Dichlorophenoxyacetic acid).	8	POUNDS	GENERATED	2008		
More than one waste code was reported for the following waste amount:		14	POUNDS	GENERATED	2008		
D001	Solid waste that exhibits the characteristic of ignitability						
D002	Solid waste that exhibits the characteristic of corrosivity						
More than one waste code was reported for the following waste amount:		22	POUNDS	GENERATED	2008	100	2007
D001	Solid waste that exhibits the characteristic of ignitability						
D018	BENZENE						
D035	Methyl ethyl ketone						
F005	Spent non-halogenated solvents						

NYS DEC Manifested Waste Transactions for NYR000136655 continued ---

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	5	GALLONS	GENERATED	2007		
D002	Solid waste that exhibits the characteristic of corrosivity	3	GALLONS	GENERATED	2006		

NOTE: 2011 waste amounts are for 1/1/11 to 6/7/11 only

Map Identification Number 4 **NYS EC Name:** **OME EPO 12 1** **Facility Id: NYR00013 4**

NYSDEC Address: 2750 VETERANS RD W STATEN ISLAND, NY 10309 TT-Id: 740A-0073-799
EPA (RCRA) Name: HOME DEPOT USA HD1281
EPA (RCRA) Address: 2750 VETERANS RD W STATEN ISLAND, NY 103092500

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 435 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
Notification date: 03/29/2006
Land Disposal: Receives offsite waste:
Incinerator:
Storer: Treatment facility:
Transporter:
Contact Name: ROBERT PERKINS Source Type: Implementer Contact Phone: 760-602-8700 Contact Info Date: 01/01/2007
Contact Name: ROBERT PERKINS Source Type: Notification Contact Phone: 760-602-8700 Contact Info Date: 03/29/2006

US EPA RCRA Violations:

Violation Type: Generators - Pre-transport
Violation Number: 0001 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 10/14/2008
Violation Return to Compliance: 11/04/2008

Violation Type: Generators - Pre-transport
Violation Number: 0002 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 10/14/2008
Violation Return to Compliance: 11/04/2008

Violation Type: Generators - Pre-transport
Violation Number: 0003 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 10/14/2008
Violation Return to Compliance: 11/04/2008

Violation Type: State Statute or Regulation
Violation Number: 0004 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 10/14/2008
Violation Return to Compliance: 11/21/2008

Violation Type: State Statute or Regulation
Violation Number: 0005 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 10/14/2008
Violation Return to Compliance: 11/21/2008

Violation Type: TSD Interim Stat−Preparedness and Prevention
Violation Number: 0006 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 10/14/2008
Violation Return to Compliance: 11/04/2008

Violation Type: Universal Waste − Small Quantity Handlers
Violation Number: 0007 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 10/14/2008
Violation Return to Compliance: 11/04/2008

Violation Type: Universal Waste − Small Quantity Handlers
Violation Number: 0008 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 10/14/2008
Violation Return to Compliance: 11/04/2008

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D016	2,4−D, (2,4−Dichlorophenoxyacetic acid).	75	POUNDS	GENERATED	2012	2660	2008
More than one waste code was reported for the following waste amount:		35	POUNDS	GENERATED	2012	312	2009
D001	Solid waste that exhibits the characteristic of ignitability						
D005	Barium						
D007	Chromium						
D008	Lead						
D035	Methyl ethyl ketone						
More than one waste code was reported for the following waste amount:		15	GALLONS	GENERATED	2012	30	2010
D001	Solid waste that exhibits the characteristic of ignitability						
D018	BENZENE						
More than one waste code was reported for the following waste amount:		80	POUNDS	GENERATED	2012	1770	2009
D001	Solid waste that exhibits the characteristic of ignitability						
D035	Methyl ethyl ketone						
More than one waste code was reported for the following waste amount:		16	POUNDS	GENERATED	2012	82	2009
D001	Solid waste that exhibits the characteristic of ignitability						
D006	Cadmium						
D035	Methyl ethyl ketone						
D001	Solid waste that exhibits the characteristic of ignitability	126	POUNDS	GENERATED	2011	4982	2007
D002	Solid waste that exhibits the characteristic of corrosivity	354	POUNDS	GENERATED	2011	362	2009

NYS DEC Manifested Waste Transactions for NYR000138784 continued ---

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	1219	GALLONS	GENERATED	2009		
D003	Solid waste that exhibits the characteristic of reactivity	12	POUNDS	GENERATED	2009		
D009	Mercury	28	POUNDS	GENERATED	2009		
More than one waste code was reported for the following waste amount:		216	POUNDS	GENERATED	2009		
D001	Solid waste that exhibits the characteristic of ignitability						
D008	Lead						
More than one waste code was reported for the following waste amount:		49	POUNDS	GENERATED	2009	1772	2007
D006	Cadmium						
D008	Lead						
D011	Silver						
D016	2,4−D, (2,4−Dichlorophenoxyacetic acid).						
More than one waste code was reported for the following waste amount:		554	POUNDS	GENERATED	2009		
D006	Cadmium						
D016	2,4−D, (2,4−Dichlorophenoxyacetic acid).						
More than one waste code was reported for the following waste amount:		15	POUNDS	GENERATED	2008		
D001	Solid waste that exhibits the characteristic of ignitability						
D018	BENZENE						
More than one waste code was reported for the following waste amount:		20	POUNDS	GENERATED	2008		
D006	Cadmium						
D016	2,4−D, (2,4−Dichlorophenoxyacetic acid).						
D008	Lead						
More than one waste code was reported for the following waste amount:		1	POUNDS	GENERATED	2007		
D006	Cadmium						
D008	Lead						
D011	Silver						
More than one waste code was reported for the following waste amount:		90	POUNDS	GENERATED	2007		
D006	Cadmium						
D016	2,4−D, (2,4−Dichlorophenoxyacetic acid).						
D008	Lead						
D011	Silver						
D006	Cadmium	215	POUNDS	GENERATED	2006		

NYS DEC Manifested Waste Transactions for NYR000138784 continued ---

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		47	POUNDS	GENERATED	2006		
D006	Cadmium						
D008	Lead						
More than one waste code was reported for the following waste amount:		3	POUNDS	GENERATED	2006		
D009	Mercury						
D008	Lead						
D011	Silver						
D016	2,4-D, (2,4-Dichlorophenoxyacetic acid).						

NOTE: 2011 waste amounts are for 1/1/11 to 6/7/11 only

Map Identification Number 4 **NYS EC Name:** **A O AU O O Y INC A N: ONY** **Facility Id: NY 2 3**

NYSDEC Address: 4409 ARTHUR KILL ROAD STATEN ISLAND, NY 10309 TT-Id: 740A-0043-345
EPA (RCRA) Name: A TO Z AUTO BODY
EPA (RCRA) Address: 4409 ARTHUR KILL RD STATEN ISLAND, NY 10309

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 501 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Notification date: 05/19/1989
Land Disposal: Receives offsite waste:
Incinerator:
Storer: Treatment facility:
Transporter:
Contact Name: TONY CASSA Source Type: Implementer Contact Phone: 718-984-1511 Contact Info Date: 01/01/2007
Contact Name: TONY CASSA Source Type: Notification Contact Phone: 718-984-1511 Contact Info Date: 05/19/1989

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
More than one waste code was reported for the following waste amount:		400	POUNDS	GENERATED	2010		
F005	Spent non−halogenated solvents						
F003	Spent non−halogenated solvents						
D001	Solid waste that exhibits the characteristic of ignitability						
D018	BENZENE						
D035	Methyl ethyl ketone						
F003	Spent non−halogenated solvents	110	GALLONS	GENERATED	2004	400	2000
F005	Spent non−halogenated solvents	265	GALLONS	GENERATED	1990		

CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 4 **C ARLES ON US ANNE** **Facility Id: 2 0004 3**
4700 ARTHUR KILL RD NEW YORK, 10309 TT−Id: 780A−0005−207

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 111 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 02/03/2013
Site Type: Other

Site Status: Active

NOTE: Additional detailed facility and tank information has not been made publicly available by the NYSDEC since 1/1/2002.

NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO HAZARDOUS SU STANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO TO IC AIR LAND AND WATER RELEASES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO AIR DISCHARGE FACILITIES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO CIVIL ADMINISTRATIVE ENFORCEMENT DOC ET FACILITIES IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS

NO NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS – E DESIGNATION SITES IDENTIFIED WITHIN FT SEARCH RADIUS

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
Charleston
Staten Island, NY 10309

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

Copyright 2012 Toxics Targeting, Inc. August 10, 2012 'Charleston'

Unmappable facilities for 'Richmond' County

Brownfields Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
V00159	NASSAU METALS	1 NASSAU PLACE AND 286 RICHMOND VALLEY R	STATEN ISLAND	UNKNOWN

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
43C23	NYCDOS FOOD COMPOST			UNKNOWN
43D06	CARMENS REST. DEMO SLF			UNKNOWN
43D09	ARROW REHAB T.S.			UNKNOWN
43E02	PROCTOR & GAMBLE WOOD STO			UNKNOWN
43T21	STAR SAND & GRAVEL			UNKNOWN
43T25	STATEN ISLAND RECYCLING			UNKNOWN
43W31	M QUINTAVALLE TREE SERVIC			UNKNOWN
43W43	INTERSTATE MATERIALS CORP			UNKNOWN
43W46	T M MAINTENANCE INC			UNKNOWN
		HAMMERSLEY	STATEN ISLAND	UNKNOWN

Hazardous Waste Treater, Storer, or Disposal Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYD086225596	NASSAU METALS CORP	1 NASSAU PLACE	STATEN ISLAND	UNKNOWN
NYR000032797	LUCENT-TECH ELECTROPLATING (NASSAU METAL	236 RICHMOND VALLEY RD	STATEN ISLAND	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9403012	DIANE FALLON	14 WOODWELL AVE	STATEN ISLAND	UNKNOWN
0107381	FEEDER 38R52	STA 244 +00	STATEN ISLAND	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1006537	NORTON SUBSTATION	226 DUNCAN HILLS AVE	STATEN ISLAND	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9611929	NASSAU METALS CORP	1 NASSAU PLACE	STATEN ISLAND	UNKNOWN
9503685	ARTHUR KILL ROAD	ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
9413991	NASSAU METALS	1 NASSAU PLACE	STATEN ISLAND	UNKNOWN
9314032	BAYWAY REFINERY	BAYWAY REFINERY	STATEN ISLAND	UNKNOWN
9313453	ARTHUR KILL - LINDEN NJ	ARTHUR KILL - LINDEN NJ	STATEN ISLAND	UNKNOWN
9213993	NASSAU METALS	1 NASSAU PLACE	STATEN ISLAND	UNKNOWN
9207117	VESSEL - PIN HOLE LEAK	IMTT TERMINAL/BAYONNE NJ	STATEN ISLAND	UNKNOWN
9105256	240 SUPERIOR ST/CONFECTIO	240 SUPERIOR ST/CONFECTIO	STATEN ISLAND	UNKNOWN
8805173	AT & T NASSAU METALS	1 NASSAU PLACE	STATEN ISLAND	UNKNOWN
9500199	132 FLAGAMAN PL	132 FLAGAMAN PL	STATEN ISLAND PL	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8806618	CLOSED-LACKOF RECENT INFO	77 SOUTHERN AVENUE	NEW YORK CITY	UNKNOWN
9809823		320 VONDERVILLE	STATEN ISLAND	UNKNOWN
8707893	AT & T NASSAU METALS	1 NASSAU PLACE	STATEN ISLAND	UNKNOWN
0407779	NYC DEP FACILITY	MAYFLOWER AVE & ARTHUR KILL	STATEN ISLAND	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9512887	MSC CLAUDIA	UNKNOWN		UNKNOWN
8503968	UNKNOWN	STATEN ISLAND		UNKNOWN

9803342	COASTAL OIL EAST 5H STREE	COASTAL OIL	BAYONNE	UNKNOWN
9503994	COASTAL OIL DOCK	COASTAL OIL DOCK	BAYONNE	UNKNOWN
0504086	PRIVATE RESIDENCE	536 PARGEE ST	BROOKLYN	UNKNOWN
9310265	SOUTH WOOD AVE.	SOUTH WOOD AVE	LINDEN	UNKNOWN
9613207	ARTHURKILL WATERWAY	AREA OFF MOUTH	NEW YORK	UNKNOWN
9100198	ARTHUR KILL RIVER/S.I.	ARTHUR KILL RIVER	NEW YORK CITY	UNKNOWN
9001507	ARTHUR KILL RIVER/S.I.	ARTHUR KILL RIVER	NEW YORK CITY	UNKNOWN
9000239	ARTHUR KILL/FRESHKILLS	ARTHUR KILL/FRESHKILLS	NEW YORK CITY	UNKNOWN
8901751	SMITH CREEK/N.J.	ARTHUR KILL/S.I.	NEW YORK CITY	UNKNOWN
8803092	STATEN ISLAND-BEACHES	STATEN ISLAND/BEACHES	NEW YORK CITY	UNKNOWN
8802348	DOCKS ARTHUR KILL RIVER	DOCKS ARTHUR KILL RIVER	NEW YORK CITY	UNKNOWN
8702694	EXXON BAYWAY / ELIZABETHT	@ EXXON BAYWAY	NEW YORK CITY	UNKNOWN
8602875	NEW LAME RD	NEW LAME RD	NEW YORK CITY	UNKNOWN
8602086	STATEN ISLAND GAS ODORS	DTATEN ISLAND (ENTIRE ISL	NYC STATEN ISLAND	10300
9913934	NEW HARBOR	SANDY HOOK CHANNEL B. 17	RICHMOND	UNKNOWN
1201753	EDC CORP	355 FRONT ST	STATEN ISALND	UNKNOWN
1114418	DRILL	SLIP ONE / BARGE 4/FUELING VESSEL	STATEN ISALND	UNKNOWN
9913764	RESIDENCE	485 MARITHIS AVE	STATEN ISLAND	UNKNOWN
9906856	FRESHKILL PLANT	1 WATERWAY	STATEN ISLAND	UNKNOWN
9814444	NAUTILUS COURT PUMP	STATION	STATEN ISLAND	10300
9810547	AMERADA HESS PORT REDDING	UNKNOWN	STATEN ISLAND	UNKNOWN
9800537	KILL VAN KULL BETWEEN	LIGHT 14 & BUOY R2	STATEN ISLAND	UNKNOWN
9708401	JOHNSON AVE	SKIEN AVE	STATEN ISLAND	10307
9707078	KILL VAN KULL	ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
9706043	SHEEN ON WATER	ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
9703129	1 DELMONT TERR	1 DELMONT TERR	STATEN ISLAND	UNKNOWN
9610205	STATEN ISLAND EXPRESSWAY	NORTH 2000 OF OUTERBRIDGE	STATEN ISLAND	UNKNOWN
9608044	ARTHUR KILL RIVER	ARTHUR KILL RIVER	STATEN ISLAND	UNKNOWN
9607660	ARTHUR KILL	WESTON AVE	STATEN ISLAND	UNKNOWN
9605710	WAINWRIGHT SUB-STATION	WAINWRIGHT SUB-STATION	STATEN ISLAND	UNKNOWN
9604297	ARTHURKILL	NOT APPLICABLE	STATEN ISLAND	UNKNOWN
9603368	MORAN SHIPYARD &	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9510434	CONSTABLE HOOK	CONSTABLE HOOK	STATEN ISLAND	UNKNOWN
9509202	AT & T NASSAU METAL	286 RICHMOND VALLEY RD	STATEN ISLAND	UNKNOWN
9509164	S.I./PERTH AMBOY BRIDGES	S.I./PERTH AMBOY BRIDGES	STATEN ISLAND	UNKNOWN
9505486	ARTHUR KILL & RARITAN BAY	ARTHUR KILL & RARITAN BAY	STATEN ISLAND	UNKNOWN
9503203	BODINE CREEK	BODINE CREEK	STATEN ISLAND	UNKNOWN
9502691	ARTHUR KILL GEN STATION	ARTHUR KILL RIVER	STATEN ISLAND	UNKNOWN
9501967	SHIP GRAVE YARD	SHIP GRAVE YARD	STATEN ISLAND	UNKNOWN
9500457	HOWLLAND HOOK	WEST OF SHANTERS ISLAND	STATEN ISLAND	UNKNOWN
9414842	CARTERT/ARTHUR KILL	CARTERET /ARTHUR KILL	STATEN ISLAND	UNKNOWN
9410082	ARTHUR KILL-ELLIS ISLAND	ARTHUR KILL-ELLIS ISLAND	STATEN ISLAND	UNKNOWN
9409017	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9407442	ARTHUR KILL BOAT GRAVEYAR	ARTHUR KILL BT GRAVEYARD	STATEN ISLAND	UNKNOWN
9407440	PILES CREEK-ARTHUR CREEK	PILE CREEK- ARTHUR KILL	STATEN ISLAND	UNKNOWN
9403211	ARTHUR KILL-BAYWAY REFIN.	ARTHUR KILL-BAYWAY REFIN.	STATEN ISLAND	UNKNOWN
9401061	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9313224	NEWARK BAY - ARTHUR KILL	NEWARK BAY - ARTHUR KILL	STATEN ISLAND	UNKNOWN
9312710	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9310779	CHEVRON DOCK -PERTH AMBOY	CHEVRON DOCK -PERTH AMBOY	STATEN ISLAND	UNKNOWN
9309914	HERBERTSON & 106 NEW STA.	HERBERTSON & 106 NEW STA	STATEN ISLAND	UNKNOWN
9307886	HALL AVENUE	HALL AVENUE	STATEN ISLAND	UNKNOWN
9305854	NAVAL STA.ANCHORAGE-PIER1	NAVAL STA.ANCHORAGE-PIER1	STATEN ISLAND	UNKNOWN
9305777	IN ARTHUR KILL BAY 20	IN ARTHUR KILL BAY 20	STATEN ISLAND	UNKNOWN
9304249	SHIP GRAVEYARD ROTHVILLE	SHIP GRAVEYARD ROTHVILLE	STATEN ISLAND	UNKNOWN
9303658	IMTT FUEL FACILITY	IMTT FUEL FACILITY	STATEN ISLAND	UNKNOWN
9301726	RUFFEK DR. STATEN ISLAND	CASTRO RES.RUFFEK DR.	STATEN ISLAND	UNKNOWN
9300139	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9204829	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9201133	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN

9110144	ARTHURKILL RD	ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
9107219	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9106457	ARTHUR KILL RD & HOUSEMOU	ARTHUR KILL RD & HOUSEMOU	STATEN ISLAND	UNKNOWN
9106146	ARTHURKILL SHIP GRAVEYARD	ARTHURKILL SHIP GRAVEYARD	STATEN ISLAND	UNKNOWN
9005744	ALLIED TANK CORP/S.I.	PERTH AMBOY ANCHORAGE	STATEN ISLAND	UNKNOWN
9003773	NY & NJ/STATEN ISLAND	NY & NJ AREA/STATEN ISLAN	STATEN ISLAND	UNKNOWN
8806335	TOTTENVILLE/S.I.	NEAR DECK AT TOTTENVILLE	STATEN ISLAND	UNKNOWN
8805043	BURGEN PT / CON HOOK	BURGEN PT/ CON HOOK	STATEN ISLAND	UNKNOWN
8702892	ARTHUR KILL ROAD / STATEN	ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
8701769	ARTHUR KILL ROAD / STATEN	ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
8603527	LEMON CREEK	LEMON CREEK	STATEN ISLAND	10309
8603490	TOTTENVILLE	TOTTENVILLE	STATEN ISLAND	10307
8504840	STATEN ISLAND	STATEN ISLAND	STATEN ISLAND	UNKNOWN
8504757	STATEN ISLAND,RICHMOND CT	STATEN ISLAND, RICHMOND CT	STATEN ISLAND	UNKNOWN
8503295	STATEN ISLAND	STATEN ISLAND	STATEN ISLAND	UNKNOWN
8503290	STATEN ISLAND RICHMOND CT	STATEN ISLAND, RICHMOND	STATEN ISLAND	UNKNOWN
8503246	STATEN ISLAND	STATEN ISLAND	STATEN ISLAND	UNKNOWN
8503169	STATEN ISLAND	STATEN ISLAND	STATEN ISLAND	UNKNOWN
8503037	STATEN ISLAND	STATEN ISLAND	STATEN ISLAND	UNKNOWN
8502945	UNKNOWN	GREAT KILLS	STATEN ISLAND	UNKNOWN
7900846			STATEN ISLAND	UNKNOWN
1113066	ON THE BEACH	PARLPON	STATEN ISLAND	UNKNOWN
1107705	RICHMOND 1E	NAUTILUS COURT NORTH OF 8TH ST	STATEN ISLAND	UNKNOWN
1100402	OAKWOOD STATION	REWIS AVE/ SELWWOD AVE	STATEN ISLAND	UNKNOWN
1009496	EDGEWATER PLAZA	1 EDGEWATER PLAZA	STATEN ISLAND	UNKNOWN
0913173	POLE #5	20 LAGAPE AVE	STATEN ISLAND	UNKNOWN
0912818	IN ROAD - 1 MILE LONG	’ RT 440 SOUTH SERVICE RD’	STATEN ISLAND	UNKNOWN
0900156	NORTON SUB STATION	2226 DUNGEN HILL AVE	STATEN ISLAND	UNKNOWN
0710891	KMI #6	KMI TERMINAL	STATEN ISLAND	UNKNOWN
0708916	DEGAETANO RESIDENCE	26 CRISTI LN.	STATEN ISLAND	UNKNOWN
0610034	APARTMENT	55 HOLLAND AVE	STATEN ISLAND	UNKNOWN
0609869	NASSAU’S METALS REMEDIATI	1 NASSAU PLACE	STATEN ISLAND	UNKNOWN
0607763	MANHOLE #55	SI RAPID TRANSIT/BANKI ST	STATEN ISLAND	UNKNOWN
0605768	ARTHUR KILL	STATEN ISLAND & LINDEN NJ	STATEN ISLAND	UNKNOWN
0605477	ARTHUR KILL	UNKNOWN	STATEN ISLAND	UNKNOWN
0513802	PRAWLS ISLAND	ARTHUR KILL	STATEN ISLAND	UNKNOWN
0513704	OVERSEAS REINEAR	STATEN ISLAND	STATEN ISLAND	UNKNOWN
0513538	BOTH FREEZE PITS	WEST SHORE EXPRESSWAY	STATEN ISLAND	UNKNOWN
0504691	MANHOLE#8094	STATEN ISLAND LANDFILL	STATEN ISLAND	10300
0504457	ARTHUR KILL	ARTHUR KILL RD/ARTHUR	STATEN ISLAND	UNKNOWN
0503653	MANHOLE # 07112	VETERANS ROAD/ROSSVILLE R	STATEN ISLAND	10309
0500814	POLE 20780	ARTHUR KILL RD ZEBRA RD	STATEN ISLAND	10309
0400303	STATEN ISLAND RAILROAD TR	RIGHT OF WAY	STATEN ISLAND	10300
0313976	UNKNOWN	UNKNOWN	STATEN ISLAND	UNKNOWN
0311839	JOHN LIVOTI	VETERANS ROAD WEST AND WE	STATEN ISLAND	10309
0308953		STATEN ISLAND	STATEN ISLAND	10300
0305750	MAN HOLE 42	SIRT RAILROAD ROW	STATEN ISLAND	UNKNOWN
0304409	ARTHUR KILL WATERWAY	SHORELINE OF ARTHUR KILL	STATEN ISLAND	WAKIL
0200603	MAN HOLE #7110	WOODROW SUB STA.	STATEN ISLAND	UNKNOWN
0105053	RICHMOND CO BANK BALL PK	BAY STREET	STATEN ISLAND	UNKNOWN
0010672		ARTHUR KILL	STATEN ISLAND	WAKIL
0003242	MANHOLE 366	FRESHKILLS SUBSTATION	STATEN ISLAND	UNKNOWN
0000633	NEAR GATX FACILITY DOCK 2	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9907078	COMMERCIAL PROPERTY	ARTHURKILL RD	TOTTENVILLE	UNKNOWN
9208284	UNK	UNKNOWN	UNKNOWN	UNKNOWN
9415801	FERRY ST & STATE ST	FERRY ST & STATE ST	WOODBRIDGE	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9709485	M/V TEVAL	AT SEA	AT SEA	UNKNOWN

0513878	IMTT BAYONNE (KILL VAN K	EAST 22ND STREET	BAYONNE (STATEN ISLAND)	UNKNOWN
9411443	BARGE RTC # 330	FOOT OF EAST 5TH STREET	BAYONNE, HUDSON	UNKNOWN
9912483	ARTHUR KILL RIVER	PRALL ISLAND	NEW YORK	UNKNOWN
8903986	ROSSVILLE/S.I.	ROSSVILLE	NEW YORK CITY	UNKNOWN
8704674	RICHMOND MOTOR CAR CORP.	RICHMOND MOTOR CAR CORP.	NEW YORK CITY	UNKNOWN
9306968	ARTHUR KILL - STATEN ISL.	ARTHUR KILL - STATEN ISL.	RICHMOND	UNKNOWN
9301173	E.26 ST BAYONNE	E. 26 ST BAYONNE	RICHMOND	UNKNOWN
0412400	KC MARINE BARGE SPILL	ARTHUR KILL - VISY PAPER	RICHMOND	UNKNOWN
9913588	B. NO. 85	BOUCHARD TRANSPORT	STATEN ISLAND	UNKNOWN
9904372	LUCENT TECHNOLOGY	1 NASSAU PLACE	STATEN ISLAND	UNKNOWN
9814498	WILANA -VESSEL	50 MI OF LONG ISLAND	STATEN ISLAND	UNKNOWN
9806999	POLE #32633	UNKNOWN	STATEN ISLAND	UNKNOWN
9804464		IFO 11 MINNER ST	STATEN ISLAND	UNKNOWN
9701968	AURTHUR KILL	BERTH 4 OF GATX	STATEN ISLAND	UNKNOWN
9701734	GATX TERMINAL	COASTAL PIPELINE METER ST	STATEN ISLAND	UNKNOWN
9614788	BETWEEN FRESHKILL SUB STA	& STATEN ISLAND	STATEN ISLAND	UNKNOWN
9610733	CLAY PITT POND PARK	VETERANS ROAD WEST AND BLOOMINGROVE	STATEN ISLAND	UNKNOWN
9609174	85 AFAFIA AVE	85 AFAFIA AVE	STATEN ISLAND	UNKNOWN
9511695	OUTER BRIDGE CROSSING	ADMINISTRATION BUILDING	STATEN ISLAND	10309
9511554	FEEDER 38R582 SECTION 1	CON ED	STATEN ISLAND	UNKNOWN
9504908	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9504643	409 COLLIN ST	409 COLLIN ST	STATEN ISLAND	UNKNOWN
9503545	ARTHUR KILL/SHOOTERS ISLE	ARTHUR KILL/SHOOTERS ISLE	STATEN ISLAND	UNKNOWN
9502020	VETERAN'S ROAD WEST	VETERAN'S ROAD WEST	STATEN ISLAND	10309
9414838	SANDY HOOK CHANNEL	SANDY HOOK CHANNEL	STATEN ISLAND	UNKNOWN
9406413	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9403041	71 BEGROOT PLACE	71 BEGROOT PLACE	STATEN ISLAND	UNKNOWN
9401461	OSHKILL RD	OSHKILL ROAD	STATEN ISLAND	UNKNOWN
9400190	88 POGGY STREET	88 POGGY STREET	STATEN ISLAND	UNKNOWN
9312166	6 PERSLEY STREET	6 PERSLEY STREET	STATEN ISLAND	UNKNOWN
9311675	178 DENZIER AVENUE	178 DENZIER AVENUE	STATEN ISLAND	UNKNOWN
9309148	AT BROOKLYN TOWER	AT BROOKLYN TOWER	STATEN ISLAND	UNKNOWN
9308771	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	UNKNOWN
9305414	NAVAL STA. NY 423 SITE	NAVAL STA. NY 423 SITE	STATEN ISLAND	UNKNOWN
9303304	VAN DEUSSEN STREET	VAN DEUSSEN STREET	STATEN ISLAND	UNKNOWN
9300254	BUCKEYE PIPELINE	BUCKEYE PIPELINE	STATEN ISLAND	UNKNOWN
9211632	ARTHUR KILL RD.	ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
9209554	RT 440	ROUTE 440	STATEN ISLAND	UNKNOWN
9207814	21 COLLONIAL PARK STREET	21 COLLONIAL PARK STREET	STATEN ISLAND	UNKNOWN
9111443	1416 4TH AVE CORP	1416 4TH AVE CORP	STATEN ISLAND	UNKNOWN
9010708	COLONIAL PIPELINE COMPANY	COLONIAL PIPELINE COMPANY	STATEN ISLAND	UNKNOWN
8607769	SHARROT'S ROAD / STATEN I	SHARROT'S ROAD	STATEN ISLAND	10309
1112910	PAD MOUNT TRANSFORMER	9 DIEDRICH AVE	STATEN ISLAND	UNKNOWN
1111869	DRILL	DRILL	STATEN ISLAND	UNKNOWN
1108097	SEWAGE TREATMENT BYPASS	ARLENI ST	STATEN ISLAND	UNKNOWN
1107358	POLE # 17022	219 MELBA STREET & WESTWOOD AVE.	STATEN ISLAND	UNKNOWN
1106542	CON EDISON UNDERGROUND TRANSFORMER 10040	140 NICHOLS DRIVE	STATEN ISLAND	UNKNOWN
1104235	I/A/O TOLL BOOTHS	ISLAND BRIDGE CROSSING EAST	STATEN ISLAND	UNKNOWN
1100775	VAULT 9810	33 FERNDALE AVE	STATEN ISLAND	UNKNOWN
1009780	ROADWAY	PORT RICHMOND SQUARE	STATEN ISLAND	UNKNOWN
1006588	DRILL DRILL DRILL	CODELL SHIP YARD	STATEN ISLAND	UNKNOWN
1003736	OVERHEAD TRANSFORMER	69 GROVER ST	STATEN ISLAND	UNKNOWN
1001254	VESSEL ATLANTIC COMPANION	NEWARK TERMINAL 17	STATEN ISLAND	UNKNOWN
0905961	MANHOLE # 100 EMIS 218141	STATEN ISLAND TRANSIT R/O/W	STATEN ISLAND	UNKNOWN
0904379	CON EDISON POLE # 19763	OPPOSITE 278 WOLFEN AVE	STATEN ISLAND	UNKNOWN
0903761	MARINE OCEAN TERMINAL	MARINE OCEAN TERMINAL	STATEN ISLAND	UNKNOWN
0808114	ARTHUR KILL WATERWAY	NASSAU ST AND RICHMOND VALLEY RD	STATEN ISLAND	UNKNOWN
0712221	DEP TRUCK	14-66 MANNER ROAD	STATEN ISLAND	UNKNOWN
0711009	RUCCI TRUCK	ROME AVE	STATEN ISLAND	UNKNOWN
0709207	STATEN ISLAND TRANSFOR ST	600 WEST ROYAL STREET	STATEN ISLAND	UNKNOWN

0613913	20 GAL RELEASE WHEN CONTRACTOR	55 TOPSIDE LANE	STATEN ISLAND	UNKNOWN
0609939	LEAKING XFMR IN VAULT 9383	21 BLACKBERRY LANE	STATEN ISLAND	UNKNOWN
0603874	TOTTENVILLE SUBSTATION	4250 TOTTENVILLE RD	STATEN ISLAND	UNKNOWN
0600890	UNKNOWN	MARTLING POND RD	STATEN ISLAND	UNKNOWN
0513099	OUTER BRIDGE CROSSING	UNKNOWN	STATEN ISLAND	UNKNOWN
0407012	ARIEL JOINT	ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
0313087	POLE #185 TRANSFORMER	1532 DAY ST	STATEN ISLAND	UNKNOWN
0310531	CONACO PHILLIPS 66	ARTHUR KILL RIVER	STATEN ISLAND	WAKIL
0302228		WEST SHORE EXPRESSWAY	STATEN ISLAND	UNKNOWN
0301323		76 FORSTER RD	STATEN ISLAND	UNKNOWN
0212318		ARTHUR KILL ROAD	STATEN ISLAND	UNKNOWN
0211554	EXXON	NEAR OUTER BRIDGE	STATEN ISLAND	UNKNOWN
0206183	MAYFLOWER PUMP STATION	MAYFLOWER AVE & ARTHUR KILL	STATEN ISLAND	UNKNOWN
0204034	INTERSECTION	ARTHURKILL RD/RICHMOND	STATEN ISLAND	UNKNOWN
0202767	ARTHUR KILL	ARTHUR KILL	STATEN ISLAND	WAKIL
0202204	NEAR WOODROW RD EXIT NB	WEST SHORE EXPRESSWAY	STATEN ISLAND	10309
0200681	WAGNER SUBSTATION	WAGNER SUBSTATION	STATEN ISLAND	UNKNOWN
0200241	KVK CHANNEL ARTHUR KILL	IN MIDDLE OF WATER	STATEN ISLAND	UNKNOWN
0108138		STATEN ISLAND LANDFILL	STATEN ISLAND	UNKNOWN
0104052	MOTIVA SEWAREN TERMINAL	STATEN ISLAND	STATEN ISLAND	UNKNOWN
0101217	POLE 11702	MERRILL AVE	STATEN ISLAND	UNKNOWN
0101183		IRT RIGHT OF WY/MEREDITH	STATEN ISLAND	UNKNOWN
0009391	MANHOLE 94	STATEN ISLAND RAPID TRANS	STATEN ISLAND	10300
0008627	POLE 14725	DAY ST/ARTHUR KILL RD	STATEN ISLAND	UNKNOWN
0006784	HYLAND BLVD/SPRIG AV	ON THE GROUND	STATEN ISLAND	UNKNOWN
0002000	POLE 14142	RICHMOND ROAD	STATEN ISLAND	UNKNOWN
0000074	SMITH PL & MOTT AVE	SMITH PL & MOTT AVE	STATEN ISLAND	UNKNOWN
9706065	SOUTHWEST STATEN ISLAND	SOUTHWEST STATEN ISLAND	TOTTENVILLE	UNKNOWN
1200543	WATERWAY/AURTHERKILL	NORTH OF OUTERBRIDGE	TOTTENVILLE	UNKNOWN

Major Oil Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2-2120	KINDER MORGAN STATEN ISLAND TERMINAL	4101 ARTHUR KILL ROAD	STATEN ISLAND	10309

Petroleum Bulk Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2-609917	PELLICANO'S SERVICE CENTER	38 WINANT CENTER	STATEN ISLAND	10309
NY01284	AIR PROD.& CHEMICALS,INC	1010 W SERVICE RD	STATEN ISLAND	10309

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYP004021192	CONSOLIDTED EDISON CO	#46211 103 LEONARD		UNKNOWN
NYP000930180	CONSOLIDATED EDISON	TM6675-ORS MET AVE	BROOKLYN	UNKNOWN
NY0000010363	NYCDOT	N/S	N/S	UNKNOWN
NYP004106563	CONSOLIDATED EDISON	87 MEADOW LANE CNR	NEW YORK	UNKNOWN
NYP004011092	CONSOLIDATED EDISON	TAP. CHANCER-S.S DELAWARE -YK	QUEENS	UNKNOWN
NYD000885947	KEYSPAN ENERGY	NEW LANE ST	STATEN ISLAND	UNKNOWN
NYD020589693	NYCEDC	300 WESTERN AVENUE	STATEN ISLAND	UNKNOWN
NYD986952893	NYSDOT BIN 148-NB	NB WESTSHORE EXPWY AT ROADWAY BIN#148-NB	STATEN ISLAND	10309
NYP000791061	USEPA	MADISON WIRE WORKS SITE	STATEN ISLAND	UNKNOWN
NYP004014502	CONSOLIDATED EDISON	V5760 - JAMES ST & ROLLING	STATEN ISLAND	UNKNOWN
NYP004015632	CONSOLIDATED EDISON	TM 4381	STATEN ISLAND	UNKNOWN
NYP004025961	CONSOLIDATED EDISON	MH35314	STATEN ISLAND	UNKNOWN
NYP004045407	CONSOLIDATED EDISON	V7664-20 HILLCREST	STATEN ISLAND	UNKNOWN
NYP004098075	CONSOLIDATED EDISON	EAST SVCE RD STA 198 & 60	STATEN ISLAND	UNKNOWN
NYP004112561	CONSOLIDATED EDISON	98 OLEAN AVE	STATEN ISLAND	UNKNOWN
NYP004140430	CONSOLIDATED EDISON	E HALOM AVE	STATEN ISLAND	UNKNOWN
NYP004241212	CONED	80 E ALT LOOP ROAD	STATEN ISLAND	UNKNOWN
NYP004241303	CONSOLIDATED EDISON	300 THERFCOFF AVE	STATEN ISLAND	UNKNOWN
NYP010001683	NYCDEP	VETERAR RD EAST	STATEN ISLAND	10309

NYR000119040	NYS DOT	KOREAN WAR VET PRKWY C	STATEN ISLAND	10309
NYR000119057	NYS DOT	KOREAN WAR VET PARKWAY C	STATEN ISLAND	10309
NYR000121061	NYSDOT	EB & WB KOREAN WAR VET HIGHWAY	STATEN ISLAND	10309

Hazardous Substance Waste Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NY0031	AT&T NASSAU METALS CORP	286 RICHMOND VALLEY ROAD	STATEN ISLAND	10309
NY0369	OLD PLACE CREEK	U	U	UNKNOWN

Wastewater Discharges

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NY0200255	RICHMOND MEMORIAL HOSPITAL			UNKNOWN
NY0200697	AMERADA HESS SERVICE STATION			UNKNOWN
NYU080008	NATIONAL SEATRADE INC.			UNKNOWN
NYU200021	NYC-CSO			UNKNOWN
NYU200063				UNKNOWN
NY0201367	PABONE GAS STATION	1550 WEST SERVICE RD	STATEN ISLAND	10309
NY0140724	ATLANTIC VILLAGE	C/O NYCDEP BWWT ROOM 124	WARDS ISLAND	UNKNOWN

Air Releases

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
3606100071	USCG-LIGHT	SUNKEN MEADOWS	NEW YORK CITY	UNKNOWN

a ardou a te code pre ented in indi idual o ic Information Profile are defined belo .

D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.

D002 Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.

D003 Solid waste that exhibits the characteristic of reactivity, but is not listed under any other hazardous waste code.

D006 Cadmium

D009 Mercury

D016 2,4−D, (2,4−Dichlorophenoxyacetic acid).

F003 The following spent non−halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n−butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non−halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non−halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

F005 The following spent non−halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2−ethoxyethanol, and 2−nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non−halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a digital version of the U. S. Census map or those used by local authorities using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each Toxic Site Profile, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12

Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street

Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a digital version of the street or parcel map. These site locations are identified with the method used to map them.

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/ operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxic Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect.

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Environmental Reports contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup:** Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated from: 7/20/2012. Data obtained by Toxics Targeting: 7/20/2012.
New Facilities updated through: 7/20/2012. Data obtained by Toxics Targeting: 7/20/2012.

2) **Inactive Hazardous Waste Disposal Site Registry:** New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 6/19/2012. Data obtained by Toxics Targeting: 6/19/2012.
New Facilities updated to: 6/19/2012. Data obtained by Toxics Targeting: 6/19/2012.

3) **Corrective Action Activity (CORRACTS):** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
Data attributes updated through: 5/9/2012. Data obtained by Toxics Targeting: 6/4/2012.
New facilities updated through: 5/9/2012. Data obtained by Toxics Targeting: 6/4/2012.

4) **CERCLIS:** Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. Includes Active and No Further Remedial Action Planned (NFRAP) sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated through: 11/28/2011. Data obtained by Toxics Targeting: 12/21/2011.
New Facilities updated through: 11/28/2011. Data obtained by Toxics Targeting: 12/21/2011.

5) **Brownfield Programs:** NYS programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.
ASTM required.* Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 6/19/2012. Data obtained by Toxics Targeting: 6/19/2012.
New Facilities updated to: 6/19/2012. Data obtained by Toxics Targeting: 6/19/2012.

(a) **Brownfield Cleanup Program (BCP)**
(b) **Voluntary Cleanup Program (VCP)**
(c) **Environmental Restoration Program (ERP)**

6) **Solid Waste Facilities:** a compilation of the following 2 databases:

(a) **NYS Solid Waste Registry:** which includes, but is not limited to, landfills, incinerators, transfer stations, recycling centers.
ASTM required.* Fannie Mae required.** Source: New York State Dept. of Environmental Conservation.[2]
Data updated to: 12/31/2001. Data obtained by Toxics Targeting: 3/16/2002.

(b) **1934 Solid Waste Disposal Site in New York City:** which includes sites operated by municipal authorities circa 1934. Source: City of New York Department of Sanitation (1984). The Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 3/31/2012. New facilities obtained by Toxics Targeting: 6/7/2012.
Manifest transactions data updated to: 3/31/2012. Manifest transactions data obtained by Toxics Targeting: 6/7/2012.

(b) **RCRA Notifier Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 5/9/2012. Data obtained by Toxics Targeting: 6/4/2012.
Data attributes updated through: 5/9/2012. Data obtained by Toxics Targeting: 6/4/2012.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). This database includes both *acti e* and *c ose* spills.
ASTM required.* Fannie Mae.** Source: NYS Department of Environmental Conservation.[2]

New spills through: 6/17/2012 New spills data obtained by Toxics Targeting: 6/17/2012
Spill attribute data through: 6/17/2012 Spill attribute data obtained by Toxics Targeting: 6/17/2012

Active spills: paperwork not completed. Closed spills: paperwork completed.
Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Ma or Oil Storage Facilities:** NYS database of facilities licensed pursuant to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons. **Tank ot er data wit eld by NYSDEC as of 4 1 .**
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

Data updated through: 6/4/2012. Data obtained by Toxics Targeting: 6/4/2012.

10) **Petroleum Bulk Storage Facilities:** a compilation of local and state databases of aboveground and underground petroleum storage tank facilities.

(a) **NYS Petroleum Bulk Storage Database:** This includes all New York State counties except Cortland, Nassau, Rockland, Suffolk, and Westchester. ASTM required.* Fannie Mae required.**
Source: NYS Department of Environmental Conservation.[2]
New facilities updated through: 6/4/2012. Data obtained by Toxics Targeting: 6/4/2012.
Tank data updated through: 6/4/2012. Data obtained by Toxics Targeting: 6/4/2012.

(b) **New York City Fire Department Tank Data:** **Data as been wit eld by t e NYC Fire Dept**
Source: New York City Fire Department. Data obtained by Toxics Targeting: 2/18/1997

11) **RCRA Hazardous Waste enerators and or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 3/31/2012 . New facilities obtained by Toxics Targeting: 6/7/2012.
Manifest transactions data updated to: 3/31/2012. Manifest transactions data obtained by Toxics Targeting: 6/7/2012.

(b) **RCRA Notifier Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]

New facilities updated through: 5/9/2012. Data obtained by Toxics Targeting: 6/4/2012.
Data attributes updated through: 5/9/2012. Data obtained by Toxics Targeting: 6/4/2012.

12) **C emical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size. **Tank ot er data wit eld by NYSDEC as of 4 1 .**
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data updated through: 6/4/2012. Data obtained by Toxics Targeting: 6/4/2012.

13) **Historic New York City tility Facilities (1 9 to 19):** An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950) Consolidated Edison Co. Annual Reports (1922-1939) Consolidated Edison Co. Map: Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co., (1922) and Consolidated Edison document: enerating and Annex Stations, (1911).

14) **Hazardous Substance Waste Disposal Site Study:** NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.
Source: New York State Department of Environmental Conservation.[2]
Data updated to: 5/16/2000. Data obtained by Toxics Targeting: 5/16/2000.

15) **To ic Release Inventory (TRI):** Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to- now Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.
Source: U. S. Environmental Protection Agency.[1] / NYS Department of Environmental Conservation[2]
Data updated through: 3/8/2004. Data obtained by Toxics Targeting: 3/25/2004

16) **To ic Wastewater Disc arges (Permit Compliance System):** Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 6/17/2004. Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Disc arge Facilities:** EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.
See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency[1]
Data updated through: 11/24/1999. Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement Administrative Docket:** This database is the U. S. EPA's system for tracking administrative and civil udiciary cases filed on behalf of the agency by the Department of ustice. Fannie Mae required.**
Source: U. S. Environmental Protection Agency.[1]
New Sites through: 10/14/1999.
Data updated through: 10/14/1999. Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental uality Review (CE R) E Designation Sites:** These sites are parcels assigned a special environmental (E) designation under the CEQR process. E designation requires specific protocols that must be followed. Source: New York City Department of Planning[3]
Data updated through: 6/21/2012. Data obtained by Toxics Targeting: 7/2/2012

20) **Emergency Response Notification System (ERNS):** Federal database of spills compiled by the Emergency Response Notification System. n-site searches only.
ASTM required.* See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 1/31/2000. Data obtained by Toxics Targeting: 2/15/2000

21) **Remediation Site Borders:** Remediation site borders reported by NYSDEC.
Source: New York State Department of Environmental Conservation.[2]
Updated through: 4/8/2009. Data obtained by Toxics Targeting: 7/21/2009.

* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).
** Fannie Mae's Part Environmental Hazards Management Procedures specify 1.0 mile searches for any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.). Searches for the property and ad acent properties are specified for chemical manufacturing plants, obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances and ...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc. Searches for property and ad acent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

[1]U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

[2]NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

[3]New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216